

EDITED BY BEN BOWA AND DON MYRUS



FOUR NEW STORIES • SF CLASSIC NINETEEN MASTERPIECES FEATURING ORSON SCOTT CARD, FRITZ LEIBER, ROBERT SHECKLEY EDITED BY BEN BOVA AND DON MYRUS



THE BEST OF SCIENCE FICTION NO.3

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HOW WRITERS WRITE-TRY TO

BY BOBERT SHECKLEY

a veteran author. renowned for his ironic humai describes to aspiring SF writers

that much in hand you go to a typewriter any your solution makes the reader say. Or the whole thing again. For better or worse

That's prairy much how I went about it early in my career. If anyone asked I would a problem and to look for ways of dealing explain that plotting a story consists merely with that protriem

He most authors of science-fiction. I I mited amount of time in which to solve it. I was an and reader first. Back, and the consequences fine face to do so goo How do they develop their soon running out and he still hasn't dethe inbulations of issues our their stories overcome their on-freezed the villam rescued the out or the transal ficulties? Now Iwenty-five years later 1 leavised the secret of the sign covigation Professional writers are extremely ridi. Then at the last moment you get him out or

> This straightforward approach saw me ance difficulties I began to view writing as

vidual methodologies. Lester del Rwy for recample tood me that he wrote out his stofor serrance-before committing them to ceper Months, even years, would be de-

voted to this merital composition Only when he was ready to type out a story would Leater go to his office, which was about the size of a broom closet though not so pretty He had built it in the middle of his fixing room. After cramming famoulf inside, Laster would be looked in place by a hypewriter that unfolded from a and ashtray were there, and a cresistion fan to keep him from suffocating. It was much like being in an upright goffin but with the disadvartage that he was not

Phon Klass, better known as William Teen had many different work methods constructor Pint and I used to discuss our witing problems at great length. Once we writers. The schome involved renting a studio and turnshing it with a deak type wrose and heavy caken chair The chair was coecking to our achierne, we would take turns his arms free to type. I would then leave him amount of cogent prose. At that point i

We never did carry out our scheme probably because of the untikelihood of finding a chair strong enough to restrain a old by something else. We agreed to must of a choes in Greenwich Wilage at the end of had faded to fulfil his quote that dow he

a confestorage. Neither of us was writing to let the other actually read her south unserting our pages upside down But this were showing pages from years add. It became a poets of honor for each of us to prosent new copy that the other could not sport accountly and sovoubly sever fed to our As the years passed my own blockage became wider deeper and blacker I thing would be oken. Two divorces later !

know it was not my wife.

The trouble. I nest decided, was New York. How could I possibly work in such a place? What I needed was sunshine, a

sparking sea, sive trees and solitude. So I naved to the island of base. There I rented a 200-war-old farmhouse on a hill overbokelectricity but it did have four rooms, any one of which I could use as my office First I upstary Alas I couldn't concentrate on my admining the splended view from the window So I moved downstars where there rooms had only one natiow window with bars over it in case of attack by pinter.

was nothing to divert my attention. But I project? work here either My kerosene amp gave off too much smoke At last I say what the real trouble was it. forth I would tod outdoors, as if was meant frustrated once again, this time by the heat

 I would chain him to the chair. leaving his arms free to type. I would then leave him there despite his piteous pleas ...until

he had produced a given amount of prose. At that point would release him and take his place *

of a searing sun and by the cesswises onshore became blowing sand into my typewriter I fried composing under a shady tree, but the fies drove me new When I tried to do my writing in a carle. The wasters

knysy oprvinced now that my problem was a shorteon of self-discipline. I began to in no perticular order are a tow of the

When I am blocked, my tendency is to most writing. That I guilti prodictable. But writing Asense of oppression increases as my output devictes, and I begin to dered writing anything at all. How to break this eration useful of Lemin maintain any facility am i to achieve final flow when I am

set musual to hope 5 000 words a day Type. ret with Wordson was my only requesment. The substance of what I wrote did not matter it could be anything even orbbensh even lists of disconnected words.

DUNCTEN Perhaps that sounds simple it was not it assure you. The first day want well enough By the second, however I had exhausted my mady stock of bandities. I found myself

Ah yes, here we are at last, getting resir tence, just a few more words that's it, go. top of page 20-the last page for the one page to go the last, and than I can put three-quarters of a peige to go. Oh words you? Come quickly to my fingers and relogge me of third homo: homor homor

But was is it possible? You have it is, the end of the page coming up. On welcome, kindly end of page, and now I am treshed, After a few days of this, I resigned that I

day anyway and since I was petting third of impless vertrage, I asked myself why I

And I state out that, I got down and wrote it

writing at last? I wrote profiler story. This one was not so easy but I was not snowly etitized wither So there I was with two conplate stones on paper and each had taken only a day to write up. I thought proudly of these stones for at least a year or so ofterwards. I've never employed this technique to get snything size withon but I know it works. Someday when I'm feeling desper-Meanwhile, however i'm still seeking a less-agorizing method

Wordsign, after all is not the sole considenittion. Witting a story can be a strange to get it exactly right. You try so hard and sudge vourself so severely that you may words and you're sorely dissalidated with them. It's all chaos, and you can't seem to get on an orderly course. That was my next problem Wordage yes but also an unwilmoness, a fear of submitting myself to the tortures of actually turning out a story My solution, Typically enough, was fo

no way of writing a story without plunging myself infolution despets I decided I would not write a story instead I would write a sinulation of a story

My strikulature are the same length max follow a first year made up of nematers, child year employees and the other deliminate of a propose story the other deliminate of a propose story the other delises virily important, in semipation thousand and the maximum and the other deliminates of anniations, it doesn't matter if the images and the maximum deliminates of the maximum and the maximum deliminates of the maximum and the maximum deliminates of the maximum of the birth a formal services of the three a passes of carofolia season in mewor con-

sciously attempt to work into a samulation the basility principies himmor and pattless that a proper story must contain. But a proper story must contain. Using this method has taught me that it have a contain gift for self-decoppier. Our could be shall be I've deconvend that — second for a few rough spots here and there—my simulated offense are wery much like the

Which has develope means in that been or with with a sit which not truch better or works or maken how heath and truch better or works or maken how heath (by bytes) too works, in fact, has an adverse effect upon my performance. The smaller purpose of the purpose of the purpose of purpose of the purpose of purpose of the purpose of swatercolor states that an ord purpose swatercolor states that an ord purpose which the purpose of the purpose of consolicities thoughts I have to weeth our and the purpose of the pu

The large net welling, as according to proceedings from your stock must be regarded town different engine before it can begin writing. Officers engine before it can begin writing. Officers the decisions result be temperated. Attendances result be weighted. Bet of data need to be applied the retain some dies of a three of the process are elsew. They retain to be adolt; it make some notice or go for a long walk or discuss terminates or go for a long walk or discuss terminates. The process of the pr

On tending of airungeng my class, Alf times (learly to come to learly to more as learly to more as learly to more as learly to mean as learn from the total of the prent is any event in the control of the prent is any event in the control of the prent is any event in the control of the prent is any event in the control of the control o

te a Working with diagrams is fun. At first I made mind with an ordinary fountain pen res a Their I switched to colour Partiets. For other ordinary I worked out a set of set. Ordinary I worked out a set of set. I worked out a set of set. I worked out to the set of the set of the res fire the of flock. I also expeniermed with

different modes of lettering to exprove claim

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disputation with single and mode to targe

a shreat of paper. After that (pot into colorate

a shreat of paper. After that (pot into colorate

right no! because it issues even if guid

coming to nonchannoil and indicates to

began to starting any diagrams, first use

that disputations then with line and would

began to Riversite my duggrans, front with fillfill silections then with line and work drawings, and finally with watercolous. My self as an Ristrator let something to be dissiled, so I began looking around for a good and course. Unfortunately I had to drop the whole thing and get some salestie withing dother that I was not a total wester When a minket opens up for facely de-

Thinking, not writing is sometimes the problem. Vanous ideas must be regarded from different angles before I can

begin writing.
Critical decisions
must be weighed. Bits of data
need to be juggled.

grans, IT be all set. My risks and inbulations have brought me to one line moduluser—enemy that confusion and ansaty set linear be a longither elemented from the process of colatine, withing a linear because used to the colatine set of the set of the colatine and the set of the colatine and the set of the set of the set of the colatine and the set of the

you don't know what it in it pice there a outply door made in your mind, a subtle outplyablantness that will not permit you it outplyablantness that will not permit you to continue. What to do their! There is an extraordinary direct friethod that I we delessed to anywer this very problem. A pophylologian would probably de sorbe if as a cathorius. A typical session I mode in easing to mayor alloud, asking I mode in easing to mayor alloud.

> Wait Bob what exactly is aroug? The story attrike, that is what is wro: But how precisely does it serk? It moves too slowly for one tring. "So how could you speed it ig?"

Tidon't know "Of course you know Bob, Name a way in which you could speed if up."

"Well, I suppose I could delete the two thousand word description of a sunset on Mars."
"Would that solve the problem?"
"No My characters stark, too."

"In what way?"
They just sit around wishing they were somewhere also."
What could you do about that?"

"Gaw them comething to do, I guess"
Like what?"
I don't know. Wax, I've got a! They
can look for an alien ow/tration!"

can look for an alien oxidization?"

This inactiod works will, but it does demand a certain degree of concentration. That is the only sough part about it. Occasionally I can't even get my questions into

focus let sione the answers. At such once my sake distague is api to go like this "Well, Bob, hows the lad?" "I'm time, thanks. How about you?"

Wet, Boo, howe the ard?
I'm time, thanks. How about you?
Cit, I'm time.
That's race.
The disc sort of?

"Yos"
Was there some problem you wanted to discuss with me?"
Problem? Oh, you it is this story."

"The one I we been trying to write for the lest three months. Oh, shall story."

You mean the story with the twothousand-word description of a Maroar

Surget?"
That's the one
Have you got any ideas?"
About what?"

"About the story, Bob. How can I fix it?"
"We" you could always expand the desorption of that sunset.
And so it goes — you win some and you lose some OO

This erfole were a displaced from a appeach dish distorably gave ballow an enthipseppi exchange of distance referring less, many of whom appeach to be professional versus. What they distoll full them than, as he were making the speech, we shall distribute the best deviced a particular way not jorents too other on the resist if the half taken a day job as factors of door respanding.

After focusis a year and a half, however, by two as brown slip becasing the first focus to a finish for even the soldong thoughty the left New York City for Misses. Bench, giving a junk join or harper felcolors to a despite less dimension prive of Contributing Side. At Thereby returning to the type-cell reference review and as to puts. A to a file of "hos-dimens revisite any and unabstantial power," The result will not all the sold focus to the contribution of disable the additions to me severe toolings promition to disable sold for the contribution of hundred of dismining published by your about way hundred of dismining published by your blood way hundred of dismining published by your blood way from to Oldago Domes size! All the Control Follago.

RENT

Lovers dream of making time stand still; so they learned how to stop the clock BY WALTER TEVIS

that was the most real experience of my Mo "She put her arms around him, put her check against his base chest and pulled him highly to her She was

organization of the control of the c

when proposed up doorly by it, and cannot no a posiwhere they and nover been before. Now, enterwards, they were setting down in that place, huckled bouisher. They lay silently for a long time. Idly she locked toward the ledge next to the matrices, where she kept cigamitats, a majorn jat with manifester soons, a discarges asthray, and an

alarm clock
"The clock must have stopped," she said
- He murpbled something instricted His eyes
were closed.

were closed
"It says nere-twenty" she said, "and we left Herry's at one."
"Hirrym" he said, without interest.

She was silent for a while musing Then she card. Terry what time close your watch cay?

'Time tene' he said "Watch watch" He

shied his tim and looked. Nine bently he said. "Is the second hand moving?" she saked. His watch was an Accurron not onen to being wrong or steeping.

asked, the watch wat air AcQUININ reject to being watch of shaping and the power to being watch from the first three that the shaping and first terms are the shaping at the shaping at one first three watch the shaping at one in the shaping are the being the shaping at one in the shaping at t

time but never did it is probably about ten thirty, she said Why don't you make us an omelet and turn

the 'U on' Make mee with chadder. And three aggs.

Suis, honey he said He skipped on its behar threet and essed hemsel down the lauder Basefoot. He won't to the sity down nearther threet our wind platfold over to he stow and any althought or not to soon. He believe will all the soon in the lauder between disk with believe or to soon. He was the pass when he had being the soon of the soon of the power to 80 pile. And he Window be aggs out, creak-led one. Down of all winds. It was unique. It soon of a while. It was unique. It soon of which it was unique. It so when the was a which it was unique. It so when the was a company of which is well as when the was the way of which is which which is which which

so. Hely noney. The called out. My wildow, a numery.

Allest in particular and active received highly wildow, and an investment wildow in the parallel shall be supported by the straight and pub basic in the parallel shall shall be since the straight with a facility through with a facility, the supplied the quality wildow to a moment. A validow wild slightly for a moment A validow wild slightly that is provided the parallel shall shall

non-birty. His board at the waith Netbry. Jogo Chemil the waithment of the youth agreement of the waithment of the youth agreement of the property of the youth agreement of the youth agreement of the youth agreement of the youth agreement of the things of the youth agreement of the outher has clear open. They born braught coffers an elegand bloom and waith agreement accurately flows, and each mad ward. She starting from a goode for Ferrich and waither flows, and each mad ward. She active flows and each mad ward. She active flows and each mad ward for all the district of the sheet of the sheet of the district of the sheet of the sheet of the district of the sheet of the s

explanations and set reclininations. He had brubble staying hand, the would not blooding and could exist beneal only with its heards only with its heards only with its heards only with its heards only of the was attack of him and make love datafully often with reperthed. He was embanased by this unreliable member sensed has withdrawd from he arrow was affauld to light less of this thing.

were monosible. But she had the good sense to fake him to her hereupod, and the had the good sense to go. Finally, alter sax most had on how as sessions and of group, it had worked. They had had the period organs in the period in location than before the period organs. Now the period organs to go the period of all the period organs. The period organs to go the period organs to go the period organs are period to go the period organs and the period organs are period to the period or the period organs are period to the period organs are period or the period organs are period organs.

finise. See cell and Jisse peoper Than legal were entered to they also. They lay sken for a white altyresects He looked out the window. The garbage was sale there, these was no movement in the street, have was no movement in the street, no one was on the colorest. There was a fistance to the way the light shore on the buildings across from them, as if they were published—pome kind of a backdrap.

He fasied at his waich if soid intetorly on This secondhard-wasnimoving. "Ship" he said, puscled. "What's this honey?" Soth said. "Did if do sensiting wong?" "No seeds," he said. "Insu'n the basiliting that wen happened. I'm crazy about you. He pacied he may with one hard and gave her he crappy gibbs with the other. She was the basilities on the indon-

She glanced at the clock "Jesus she said that sum is strange." Let's go to sleep," he said "11 deplan

Lots go to sleep. The said "IT deplies the theory of salazinty in the morring." But when he wake up, it wasn't morring the lest refreshead, throughly respect he had the sante of a long and absolutely staff sleep, with no nesses including from the weeks displace no departs no complica-

hand was moving.

He reached out and turned the electric document electric document electric trains to the least of the electric document electric document

They were temptly nervous lowers at first. He looked at his watch, it said ton an until or decision of assertation to expect it. But of criticis: He looked out the writing if was

dark—evening. There was no way it could be ton in the morning. But he knew he had stept a whole right life knew it. His hand holding the second digarette was trembeing.

step with carefully the or of our harperse, and carefully the or of our harcepture, and maked their gift Profession in the fill their Colon was story as a standard to the the other colon and the hard on the signification of the standard for a long member to do not be the Sait hadding the filip, the colon of all the profession standard from a standard for the standard profession standard for the standard for profession standard for the standard for standard for the standard for the standard standard for the standard for the standard standard for the standard

last sinesal. The marins frown clid root clarge.
Terry letgo of Eath and the man finished putting on the sout Time data drove by in the street. The light became normal from the street. The light became normal countries are sentent draft again, the time laying is hard gardy on her bare beat one sentent we work gray above. As a result the movement Terry let out to breast auditor. Then have auditor the movement Terry let out to breast auditor. Then have auditor them have auditor them have auditors.

They maker understood it and hely fold modody it was self-leftly they decided They lood found included a perifect (place to perifer when subjection time raced and the external world about enfouly all it did not work all applies to the to lood not work all when they southed They could take triggether here for founds in days although there was no very they could set trick lead in time fast deed been they could make the was no very they could set trick lead in the fast deed been they could make the was no very they could set they have been they could set they be the set of the set They discovered after a white that only if They discovered after a white that only if the set of the set of the set of the They discovered after a white that only if they discovered are the set of the they are the set of the they are the set of the they are they are they are the they are the they are the they are they are the they are the they are the they are they are

and watch would not even though they enter foothing. It requested intendicy even of a slight bind—the infilmacy of casual tauching—for it to work. They adopped their level to rejuckly and all test if excended their some of fice possibilities entermoutly it before them in a perfection of the levels, some of barring apart from the enter of the world more bottom.

In that if the content embound they had move that the content embound they had move that the content embod the content embod the content embod there is not embod. If me of them was ever under stational pressure—only content embod to make a spack decision—one could get me other to be on other years and was all no content embod. In the content embod to the content e

the loft bed, southing, while reading or medicating or making love or working He had the att supplies in shelves over the bed now and she had reference books and near pasts on the ledge. He had put interest on two often walls and on the ceiling, parity for ext, partly to make the small place seem lagger, less continuing.

The lood was always hot unspolled, no smellad passed for if between their masks. They ocally has which television or listen to records while in suspended their in machinery worked while they buched. Sometimes for furtility would watch be people out the wirdow and stop and start.

them up again conveally, but that soot gree invasions. They both pol incher and incher savining promoters and higher pay, and the low-ent-helped them to save plantly of money. Or occurs there was now truly no question of leaking the againtment there was no there bed in which they could stop firm—ma.

other place. For about a year they would always stay later all pathole than empires etc., they shall be all pathole than empires etc., they when they were thought places for excending thom to althought places for excending them to althought places for excending or a fine down. Sometence they almoyed colleagues by showing up bright moving colleagues by showing up bright moving the places of t

ser new rocked and degung the newley they were severe beyond, needing assets, and service services and services are services are services and services are services and services are servic

room a coth and. They were never been when in that entity had to learn was not long and when in that entity had to learn was not long and when it has been a second flow of the control of

I was Edit who made the second major decovery. One day when Terry was in the between the things and its watch was now to the things and its watch was now once physicisms. "Only deweling in these Terry I'm getting dose for noting." These was some knot druggery in the voice and he chapt it is mitted his face off it a hung died, and welfed to the be decome. Sixe dight look at him. "Get on up hore. Our durn," she said, sall in that controlled, highly word." I want you to touch me." He climbed up and laid a brand on her shoulder. Outside the window a walking man faces in read strade and the strategist deformed as if a structure has been elever deformed as if a structure.

deskered as if a shuffer had been placed over it. "What do you mean, older for nothing?"

She looked at him thoughtfully. It's been about the yeals now in the real world. It has replace The "real world" to themman the time level by other people. But we must have spent the yeals in suspended time here in bod. More than that, And we haven I been agod by it.

been aged by if.

He looked at the "How could. ?

I don't know, she said. "But liknow we se
not also juden than anybody doe.

He burned toward the misnor at her feet
and stared at himself in it. He was satiyouthful "sim, clear-complexioned Suddenly he smiled, at hassall." Maybe it can
denly he smiled, at hassall. "Maybe it can

■Each was obsessed with one single notion immortality. They could live forever in the loft.

they became a pharach's dream of time without and 9

Invito I can share in bad.

Their Weekends became larger Although they could not measure their speoal time, the number of times they skept and the times they made love could be counted, both frode numbers increased once they realized the time in best tigether we. The — them they did not age while

cutside was monoriless and the sain nerther oan nor set.

Sometimes they would pick a time of day and a quality of light they both liked, and they distip their time there, at helight, with empty strocts and a soft aimb ence of light. They would allow for the signity darkening effect, and then they disopin darkening for their segrections are set of the properties.

effect and then they of touch and stipl touching for eight or less illegaring periods as or eight organis. These meats. The world outside bearins less meigreing for freen. They both had large bash accounts and both had high-level yet us demanding jobs has legal briefs were perpaised by sesterates, free young men nine \$30.00 make the staatshore grat he designed, or dawing padie. In the foll bed Otten the rights were a families bore, and they had to all ting out each other if troy waters intering to come—just so the could go to seek a change of lease. This test and less of where of them was the could go to be with a change of lease. The could go to seek a change of lease in seek a could go to the wester of the could go to the could go the could go to the could go the could go

One solution morning that had been like the weeks for them he locked at her after welling and said. To don't went to besee this place. I don't went to get old. She locked at him before she spoke. Thensite said. "There's nothing I went to go."

He locked away from het smrling. We'll need a lot of lood. The said.

They had already hed the apartment filled with shelves and a bathroom was initialed beneeth the bod. Using the bathroom was the only conceiver to real time.

Described the season has a received by the most following of pounds of troudthere the season has been as the season and season and the season and season and the season and se

said. What if we quarre? The food will all spell.

I know he said. Taking a deep breath he added, Wheel he will don't bit?

She looked at him for a long time. Then althe said. The been thirking that too?

Softhey stopped taking, and they turned toward they commonly and they be.

any timewer batch to beach, touching.

In the most find the min set may had no beach. But when the familiated carrie in the second carrie in the second to the second the second

The landlard was shocked at what he saw But he recognized soon alterwards that they would be sent somewhere and that he would be able to charge a probletic rent at last, from someone new OO.





SPACE WITNESS

If anyone paints in space, it should be Bob McCall: He's all packed

apace? Why not. Eventually an artist will record the worklaws of space trashend while opending a week in not about the apose public them candidate for the ordinates of the pacels them to space them. The pacels for the pacels have beginning the pacels them to spatin row.

McCallis work fron of any other space artists. Usually the owner form over locks it, and most is to someone other Size over locks. It and most is to someone other Size U.S. confirmentative postage stamps is saved in the past thin year lock modern locks. On the and the Wilding massams to Mars. He Decised on Albertonen's could estamp was the do-care star on the most by anomatic. David Size of some find year of Albertonen's could estamp was the do-care star on the most by anomatic. David Size of some findings for the finding of the second of the The force must McCall designed for the Necrositive and Sosse Marsam. It Wed Size On D. D. In the force and Sosse Marsam. It Wed Size of the Size of the second of the second of the second second of the second second of the second second of the second of second second of second of second of second of second second

seen by 40 million visions. No other large murals were completed by the artist at NASA centers in California and Steas McCall helped interpret the beginnings of the Space Age for Life magazine by rendering deserve





of on these based passings from the surrous covin of logic Chemist Provis, and some the season and the season a





weightlessness, observe others; to sort out the emosonal impact of being in space and to put if on convision

of the impact of the property of the property of the property of the salways been outstanding Born in Min., in work a scholariship and chudied at the Columbia Art School. Yes a so, I liked asplanacibosause thrower demantic and moved fact I drew knights in arrior, and I guess my pointings of asteriosate in spece salishing management of the property of the property

Iterary is challenges.

As on Blastonia in New Trak in 1949, McCall screed for Couler's, Stearing's benefit pilot, and Leonard shree for Couler's, Stearing's benefit pilot, and Leonard shree for Couler's, Stearing's benefit pilot, and the control of the country of the country

Future generations should feel proud of our accomplishments in space. . . . We are destined to explore and colonize the universe.









The isselfed great print a significant for the "less for obcursed printing and prin

CLAP HANDS AND SING

BY ORSON SCOTT CARD

On the acreen the cryppled man acresmed at the ledy mustno that she must not run grow He waved a certificate. Tim a Before the name carrie to him, there carrie another memory a started. The audience laughed madily Must be a furry, furry

permanent as glacel debre. I am here only by accident, but I I ence roated again with laughter Canned or live? After more than eight decades of werching selevation. Chartia couldn't tall was the real laughter that had gone tuning premeditated. As if collophane the laughs were tried to come now no matter what and the poor actions could strain to get off their gags in time, but always television, recited they were just this much early that much late "It's late," the television said, and Charlie started awake vacuely surprised to see that the program had chanced. Now if

store up reducal mother's milk for those times when you just can't be with baby "If a later

"Don't sleep in front of the television again. Charlie "Leave me alone, swine," Charlie and And then "Ckey him. He hadn't brished giving the order when the television flokered and went white, then settled down into its perpetual

thought he sew-who? Name? From the distant past. A girl light as a lang-legged By upon a stream. In his memory he did

and yet a face that was always the child Juliet. But that was not har name. Not Julet, though she was Julet's age in that mem-Rachel Carperter in the ficker on the screen here was the

Rachel as he peeled the clothing from his trail skeleton, delicately, lest some sough motion strip away the workled exist like And Jack, who of course did not switch himself off with the

An aged men is a pality thing, a tattered coat upon a stick." "Shuf up." Charlie ordered "Unless Soul glap as hands."

"And sing, and louder sing, for every tatter in its mortal dress." "Are you friehed?" Charle asked He knew Jock was trished. After all, Charte had programmed him to recite—it to recite-just that fragment every night when his shorts hit the Rachel whom he had not thought of in years. It was a trick of



springtime scene that meant off. But in the flicker Charle. In its place a memory could take hold. I se made my fortune

from time machines, he thought, and now f He only felt neked, as Rachel sat in the car world in it and he wouldn't hear it at all. God in São Paulo, viu didn't call me. All was just a child and I fell in love withthey come: You could have had me. Charresemble. It's too late, the time's gone by

had ned exactly the same words to him ime The difference was that when the naked in the middle of his room, a cold "What's wsprig?" selved Jack

First to last, all in a capsule. The words

routine of the habelboard old man, and you syspect what a heart attack? Incipent

"Living or dead?"

"She was hardye when I was -- hearty." Utah Her father was a prantet Maybe she

Rachel Carpenter Born 1959 Provo Useh Attended-"Don't show off Jock Was she ever man

And don't critiste my marmenane la abo Drad ten years ago "

Of course Dead, of course He tred to imagine her - where? Where did she die

"left me anyway I'm feeling suicidal to mate 'In a home for the mentally recapable playing Helen Keller in The Myacle Worker tounderstand bindness. It isn't seeing the red insides of your evelids. I knew that I hadn't laughed "I told my brother and he

— He had gone in a THEF before. had taken some of the standerd trins into the past

audience member at the first nerformence of Handal's Messiah and listened ... This was safe to sit and faten .

isuched the said But Charle had not but rather had to stumble her own was sast. Any more than Mighelengelo would

Livro and dead I have two thousand

And he heard the old bastard arrows

And he thought he saw Rachel look back at him bright with Ending herself begulatur whom she too wanted Laugh all you like Charles read to him waste of their I was too Tm open back he said aloud Find

For what purpose?" Jock asked I have to know your purpose or how care I find you a day? And so he had to name it "I'm going to

Suddenly a small alarm sounded and Warning (Fegal use of THILF for possible present altering manipulation of the past And the program release "Byzantum

That was after he got home from São alicad to call her because she was only

"How should I know?" Jack answered And what difference would it make to you? He looked in the mirror south "A differ.

I won't doubte told tenself as he went to hours, whether he wished to return or no and setting for the much sympler standards

He had gone in a THEF before had past. Gone into the mind of an audience whose ears he used wouldn't remember a nase were legal trips - Charlie had done

tory. This time, shough, this time he would change Rachall's life. Not his own, of course. The would be impossible by the Rachall's would not be blocked from enternationally with happened. She would nemerter and isocialization from the path she was disented to the Perhaps only altitle. Perhaps not importantly Perhaps to time the properties of the Perhaps and importantly Perhaps.

orough for her to delike him a life aconst on a latit main. Bit so context to be rigid if a latit because the loss of the legisl if he would not be cought to the cought to the rear who cought to the cought to the rear who cought on the cought to the service could have denied the was all to bound up on except to the service of the serv

fair beyond what the law allowed: who would date complain now of Cheffe also beet the law to his own purpose? No one but Chaffe also beet the law to his own purpose? No one but Chaffe? Chart do dhis to Rockel. He Ricught And then the THEF camed hat back and put him in his own redd in the own body on 28 Cotober 1973, at the notices go at an ine was going to bed, weary because the had been was around the

making by a soliving all from Broat
As divolve, there was the moment of resolvers and then peace as his self of that
the abstract into appropriate process. Our

A moreant before he was standing bebor a minor looking at his witherest hanging face now he realizes that this guern properties a minor before going to bed as a Helping habit I am Marcassus he tells bereall an ambroachtal robistor at my overstrine but now he is not unbestudied a strine but now he is not unbestudied to twenty and his body is all has the depth of young stant his bedy is soft to be he in of-

that he will never have again. And now the vaguely remembered needs that had impeted him to this find, a physical base what had been a dkn memory has him on the. He will not be sleeping temph find soon.

He decesses again Indiag with surpresents QARIX point shrist that once had been in style. The wide cuffed pairs. The above with indirect-shall heefs. Good God. I work don't be thirties and then wears it his aversions from his family, he goise quelty downstars and out to his car. The gasage redis of gascains. It is a small as notating in the control of the car.

as such and candeway. He shift should have been also shift should have been built which have not yet been built, which node have not yet been built, which node have not yet been pavid, which independent still cool? have the lights he knows they ill how soon, should suitely have already He looks soon, should suitely have already He looks.

at his westwetch, if must be a habit of the body he is it, for he habit I worn a wrist watch in decades. The arm is tained from Brazilian benches, and it has no age spots

no purple venis driseing roodings under the stirl. The lines is sending Shell doughtlass be in Stational state of the same He almost atops himself. Few things are left in his provide cassing of sinh but supely this is one the looks into himself and bless land the ent to is stack to count doesn postery.

because its fulfillment will hurt another per son. He is dut of practice—so far out o practice that he isseps leaining track of the nesson for residing. The lights are on and her mother—Mrs. Carperter closely and desights i scatter bristed in the most stratcher way—ser

who recognizes him "Charlie" she crim out "Is Rachel still up?"

Ohe me a minute and she will be! And the was he storech therebying with a refrequence of a minute a vergen. The emmission of the minute that with body does not have that This body is always to set have not yet formed the habits of making lates passion that the habits of making lates passion that Challes inforces for too well. All stay she notices down the states he have been be running on the hollow wooden stages, there has the property of the hollow wooden stages, there is supported that the stage of the hollow wooden stages.

her wear Hisr hair is fousled, and her eyes show that she had been aslasp. If didn't mean to wake you."

If won't hairly askeep. The first ten min-

"I wasn't maily askeep. The first ten minutes don't cours anyway.

He smiles Tears come to be were Yes, he says electly This is Rachel yes. The name wasn't all is a dot, the sterilizer that he can see into it like add, the sterilizer arms

rely can see into it like jade, the stander arms into that gesture etyly with accoderized grace lety 1 couldn't wat to see you.

"You've been home these days 1 thought

you o phone
He smiles in fact he will not phone her for marities. But he says. "I have the telephone I want to talk to you. Can you come out for

I want to talk to you. Can you come out for drue?

I have to sak my mother. She'll say you. She class my use. She mkee and want.

She dates say yes. She ckins and asy, that she traits Charte. And the Chartie shi knows was trudworthy Muthatime Charte three thanks of a true!

It is cold? Rachel asies. Not the cart. And so she doesn't take. Not in the cart. And so she doesn't take.

of a coal its all right. The right beeco sint about to be a coal its all right of the coal in the coal



times before. As always, she takes him by

eves. The missed you too "she says leave the cay and walk up the crumbing

rather. The genture must already be in her.

She only smales at the concert "I messed

brush out of her face to loss her again. I

colder as she shely dresses again. They

says 'Till never forget 'Then she turns and

THEF brought him back it was the middle You're crying Charles Tive never south

Gookgintoa million votis Jock. Thad a

Once upon a time, ten years ago, an old

as the trought, Jock continued. Only an

right of answers. Charles You couldn't know that I'd have you do

So an old woman went back into a

don't you see?"

No it isn't I can't le Charle You pro

She hadn't changed. She wasn't an old And Charle thought of an old woman

tains. He imagined young Rachel inside could never again take her along has

I reached the top, but it wasn't where .

"I know you pretty well, Charke "Jock said. "I knew that you'd be enough of a human being to do it right when you go

His right with a beloved child was a liv it was young Charlie. He looked for ange

been taught to say ... great rooted blos

The authence applauded in his mind That's all right. Charlie Play along with while he slipped into sleep, and he frought

freezes then name on stage DO

A mornative through and what forest, a condent of delay

THE FUTURE LOST

PAINTING BY ANNE KIN

Laprard Nisher was found in front of the Plaza Hotel in a state of erotic significance extreme that it took the offerts of three Réces Missessangs, to suportue from Taken to wet pack - a wot sheet wound around the mobifized him long enough for an intern to

The injection had taken effect by the time aides, one of them a former guard for the

Tm fine Doc.' Nigher said "Sorry I

'It could affect arrang that way. Miss said reassuringly

"I guess it sounds pretty crary. Nather have just been into the future and back agan Is the lature race? Miles asked

And what happened to me there-well. of about therty-twe, wearing an off-white

Vesterday he had left his job all Harristty

When he regained consciousness Street He was stang on a benchin a beaustatues and tame deer and there were

What is the?" Noher soked "What's Tall me." the old man said. I'did you happen to run into a reddish cloud re-

carety? After I thought so! That was a local away from your own time and into the fu-

The future? Nather said "Tre future "Just the future," the cid managed "William

You're putting me on; Nisher said. His

he restly was in the funze, and it was no

"Web clay he said "What sort of future A very nice one." the old man assured

"No alsen croatures have taken us over?

taken effect by the time Dr Miles saw hyn. Miles fold two husky aides, one oward for the Detroit Lines and a nurse named

Mormo to wait outside * standard of living to a bare subsistence

'What are your major problems?'

around during your beef stay horp." Why brief?

These space-time aromales are selfregulating" the old men stad. The unhere when you ought to be there. But it catch up. Shall we go for a strol? My name

algs and discordant colors. They were set

nice. And there were people waking locked happy and well fed it was like a

taken their clothes off. They were to use a Nother dign't say anything either But he couldn't help noticing, as they walked along, that other people were making it 120 Quite a law people. After persong the

seventh couple so engaged. Nisher asked But why don't these people do if in the

Probably because most of them hap ported to meet here in the street

toer? Apparenty not: Ogun said 11 they had

know it was nade but he couldn't help it would sort of hesitate for a moment, and

To you've solved the problem of seet Nehersaid "More or less by accident". Oour told

plebracite was held it was acroed that human sexual mores were to be modified and special clinics-all on a voluntary base of pourse-took gare of that Diness, sex today is a mixture of seathwice

Nigher was about to ask Ooun how free retrood that Dourt was smrking at an attract two blonde and edition over in her dista-

tion. They Count' Namer yout "Don't leave The old man looked surprised: "My dear

Natur saw that a lot of people had stopped They were looking at him, smiling

Now was just a minute," he said, au-But by then a woman had hold of his leg his Engers. Namer got a little hysterical and

shouted at Doun, 'Why are they doing great pleasure at the novolty and paid among us. We feel so sorry for her and

then he tall askeep. Miles told the orderless if with one another and on top of one

mean-planereda? Oour corned, and then he was cone Nather now the way it had to be - this group of people loving one another and pulling the world was in on it. To Nahar this was people. Then he looked up and saw that

much for you?" Miles asked. Nikhor smiled. His evolute were droop-

Tguess liust freaked out, Nester said thought I pould explan it to everyone them give up their hang-ups that I could grabbed me

"How do you tool now?" Miles asked .Tm towd and disappointed, and I've world to call it. Maybe it was all a heliuona-

tion. That closes I matter What counts is adjustment." Miles seed

I would like you to stay here for a few clays is geruinely meant as an assistance to

"Okay Doc." Nather said dreway. "How Perhaps no more than a day or two TI Far enough. Nigher mumb/ed. And

rurse. Then he went to his nearby apart-Nisher's story haunted Miles as he tay amount of evidence that apaperame Abruptly he decided to will his patient

again. He left his apartment and want back. strange sense of urganity There was no one at the reception desk. on Wing 2. The policemen normally starun down the hall Leonard's door was

leaned it against the wall. That lot just

Where is Leonard? oned Milos 'That guy musts hypnolized me the policeman said, shupping into his trou-

"Where is he?" Miss should White curtains flapped at the open window Miles stared out into the darkness slown the opurery. He gould be prowhere.



Before he could qualify as a space pilot, Carlet Pirx hard to prove his skills, his courage, and his luck

THE TEST

BY STANISLAW LEM

Bulloen's harsh yours, machine auddonly went havtaydreaming. He had coins into his waiting hands net had wenne of a that he couldn't stoff his pocktwo-crown piece lying tucked lets fast enough? Well, why not? away in the fob pooket of his it heppened to Smios didn't at the bottom of his locker A under the burden of his unexingling shiny silver poin-all pected wridfall when Bulloen but frenchen A while ago he roused him with a being could have swom nothing was Folding his hands behind there, an old mailing stub at this back and shifting his he was that one might be what would you do if you want there so that by the time Bult on petrol and encountered a own called out his name he stro from an align planet?" was absolutely sure of it. The Pix opened his mouth wide, com your row sufficiently soal as if the answer were there and his pocket, so round and sleek out He looked like the last per to the touch. There was teal son on Earth who know what to holds to the money be do when meeting up with a spars. If he settled for some. I would mensurer closes: which he'd aguinel away a. The class from in welcome cross and blow the red on the anticopition of some comp re- me totrorrow with your rayings soccrowers. Needless to say he

sigt machines. On, what if the ... be! They weren't deappointed. ... ton textbook Caclet Boerst!" 'viery good." Bullpen seid in anapped him out of his livre and coughed up so many a fatherly sort of way. Then it were made of uncongested out sension that he was drifting was always one to play a robe off into realms that lay vasity. He didn't catch a word of what old covers the const standed 47 Pira was stready regime beyond his competence Pur- Rower was seven Board was quely he racked his empty. If you to plot a graph while greate paragraphs from his turning down the electronic Space Manual but it was as if computer leaving the cadet to best but the man be flought would to his good led, the in- Sheignahly be lowered his lations. School regulations about it, the more persuaded structor asked "Cadot Pirx, gaze and as he did to he permitted the use of a comnoticed that Singa was trying puter but Bullben was of a difto prompt him-with his lips only Che by one bedeciphered human "he used to say "it too.

class Bultom strucgled for a strop window on Dyantroff moment then be too as: Street his afterfigh caucht by a ploded with laughter, only to display of gas pistols good for newsreet shorts that would be arrowered his voca mand assume a sargus expression flerg blanks of lee arrowered his voca mand. once again

Strigats words and repeated can break down " Prox ween! A how went up from the he was standing in front of a consisting of one pistol and a

"I would stop," Pax blusted. Smiga that's the kind of guy he he wasn't sore at anyone Hardly over Five merutes later



The beligang and the class errobed, but

Histograp around the lobby were Boerst

artistly arranged as the pattern of a defiare. But note now Prix was obserous of

On its you Pick said Bullpan. You're

enough to er meat up with those Core inside his room-it was too

cramped to serve as anything but a singla -- he debated whather he should open the rules - or maybe because of that -

free, was bracing himself against the

mained it always came back Some

wasted for the CO to show up in the comly the CO. Even uranifated however Pinx to

undulate as someone came up from be-

When the others had gore ahead. Pine national representati transference "What's Brenden got sick. I'm taking his place

ants sufficiently well-begind that he didn't

sadol Prx Tingy walked the distance of the cast well, freeding they way between the ged

gients-each measuring forty-eight meters in height and eleven minurs in diama-

"Hm I see said the CO And do you

ture with such flourishes - something he

rection to stable orbital path with orbital period of four hours and twenty six minpose of maneuver coordination. The muondo oast longitude hybri acceleratory zero Vesticut losing radio contact escort equatorial orbit as per LUNA PELENG, ver

Pint did an about-face grabbed the red like a eventue. He was not halfway across

soft against the metal housing, specied

The interior lights automatically went on

chair - as it was called in space prot s

aft, and on one side), computer displays

Once in the proper rectains position, he had trouble banding over at the wast to attach all the loose cables, hoses and wires - the ones danging from his suc- to bunch up in the middle penching him so cable and the heating cable. Luckly, each

breek out in a terrific awast balons discoverstantly inflated his sist with a whisting noise, he leaned back with a sigh and

straps using both hands The right strep enapped into place, but the balloon-sized neck dam the had from around blincly for the large snap hock. Just

> €He was standing in his unpressurized suit on the metal catumit

In one hand he held his in the other the crib shoot

had flown with this pony .

then he heard muffled voices commo over AMU expiteen? Lift off on automatic count down of zero. Attention, are you many? "Prot Board aboard ANU-eighteen and mady for lift off on automatic countdown of Darron that hook anyhow! At last it

longed rumble has contour couch shock iretion gauge not to speak of the mattern overfread, and the thunderous roat grew

denly stood on end underneath his My Gowd. I'm next. Now it's my turn!

Prior Proc appeard AMU (worsty-severy) from his predicament. "Lift-off on automat-

Not yet? he felt like yetling, instead he sord. Prot Boar -- Prot Pyra aboard AMU off on automatic countdown of zero

Manus surfrago fritages fourteen Pirx broke out in a cold award. There

before the earphones snared. Zero! and skyll were flattened by some resilient

/ must be breaking through the clouds He was set starting to make himself

This was that awfully important detail he couldn't emember at the time. He mental plackout. Where the heb is orbid into a roll. Much to his surprise, if worked

scheen was bigriveted with stars with a attende of seven fundeed interesters at pengee and twenty-four hundred kilomewhat it was he was already saving over the cast iron-there were strangely few

spanetionne for exactly seventeen min-If was time to pick up PALs radio signal BOP No.--- //O And ret's see their numbers were He glanced down at the flight AM, using? On yearh ... Morse code. He ks-

Earth's highest points of elevation

pesky idiobo, and by the same token on about in the space pureds the bister occasionally according off the illuminated it came over his earphones like a four

over but he was held back by his torso - engine propiplane. Mounted on the obm phone, which pave a piot access to the

it stopped to preen its wings. Now You'ry over his earphones dot dot-dot -- dash -dot dot - deah dash - dot-dot-dot -

Okay Pirx, now keep your eyes peeked? screen he distinctly hissed a voice calling

PAL PELENG calking Request a reading On crap how are lever going to hear my The buzzing in his earphones suddenly stopped A second later a shadow left

the eighty mater long aluminum cylinder

devenos Du deta JD two I have you in range. You are

Cermal to Altratrose four Aresterra, re-

the computer's console as if hell-bent on

Aresterra to PAL Central approaching quadrant seven. Perqueet radio quidance before he managed to catch the following Central Negative am not abandoning

message JO-two Terratura JO-two Terratura calling AML-twenty seven, AML-I wonder who has calling. Pirx mused

AMU he wanted to say but not a sound "ANU-twenty govern to JO-two Terratura

He switched on his navigation lightstwo red ories at the side, two green ones on sound except for those made by the fly luna calling . "Buzz-buzz hum-hum

"AMU-tworty-seven to JID-two data Terrature, position quadrant four perimeter sector PAL, all nevigation lights on. Over Just then he eighted both ships on the

being in the pilot thip it was up to him to make them adhers to the prescribed distance of fourteen leiometers. Just as he the rader screen has old friend the fly wall instead of sliding down it tumped merris on its way agreen the screen AMU twenty-seven Terrakura to JD-two

bles began to widen all communication being temporarily interrupted by the Fy as it book was still however overhead littlely PAL Central to AMU twenty-seven Ter-

return. Abandon outer quadrant abandon He would by to some things up! Pin

about the transpolar? Anyone knows that speciestras fixing in group formador have AM HAPPY Seven Terrature to PAI outer quadrant to hell with your transactar. am flying in triformatido AMI Foundry leader AMU-twenty-seven Terratura. Out. I choled have so say "To hell with your invissolar" he thought That's post me is lew points for sure. Oh, they can at danse

Ecould only have happened to him. A fivil Wow big deal! He could just see Smine Issue a moment to lose, because PAL was

'AMU twenty eaven to JO-two ditto seven minutes insertion perabolic orbit And he read off the course data from the two JO styps radioed their reply PAL

Where did the second one come from? Now I'm really a goner he reflected with glance of the clock. It was 2010 hours, the

navigation book start to flatten his nose with he began tossing his head around like a trajectometer for crying out loud! Suddenly mediately depelorated to the level required

levers on hold. He threw a glance at the

and again thought of Boerst picturing to those steely gray eyes. come to think of it so far neither have I three merutes as instructed, and then saw

Above the dishiboard a white penel had with the reasoned, and all the vibrasing durhanding of the arep hadn't exactly been

·Pirx stuck his logs inside, braced himself

the rungs 'Rungs are ... for goners.

clamps even more. With the appeloration four glearring copper high voltage wires. Why of me parec? he thought. An electro-

panel would become weightless. Could a What were the files up to? He followed them with his pape as they zoomed and around the cutside of the bister before the regardope Both were on crusse The the front screen that it took up helf of it. He

receiled how during a sense of swinn-

graphic everoses in the Tycha Cristia Mis Danso of what a pro that guy wee! Pinckept an eye out for Luna Control of the flaged so well among the rocks that if was almost invisible from high alstuda all exstep with its approach lights - when in the realf zone that is, and not as presently

That's Assoy-/ don't hear any more One of the fires was effing and cleaning few milimines wasy its copper terminal cables were exposed about as thick in Prousand-volt range, with a contact clear once of seven milimeters. I was set by

couldn't come up with the exact clearance. fring to do-unless of pourse, it sudderns sudging by the way it sat there, humming, at

on the other? Woll so what if it did in the worst case it fright cause a short croud could happen these would be a momentrocuted, and the power would be recraf granel has come loose. So, buy deal! A. ship can get along webout a penel con Lt? celeration until touchdown. He was still staring of the diel when there was a flexh tary blackout lasting no more than a fracwasted with based breath for the revue before the fuse blew a second time. A total face of the moon now borned so large on blackout. Then the power came on again.

Off sgain. On agent. And so it wert back

whether they operated on the same circuit, whether theirs was the man I sude for the rockets entire gower supply. Of course tray has to be But what about the neador? Surrey the reactor must have had its own power network.

The search, yet, but not the automate cash, it is tray because he had set if

The exactor, year but not the automatic seatch. He know boccuse he had set it himself. Clear so now all he had to do was to shut off the power Or maybe he thought puts of back and give if a chance to work on its own.

The engineers had thought of every-

thing—everything except while to do when a fly gets into your cation a fuse penel comes unclamped, and you wind up with such a screwy short cross! Meanwhile the lights kept shorting out formativing had to be done about it. But

what?
Simple: All he had to do was to hip the
master switch. located in the floor behind
his sear. That would shut oil all the main
power circuits and too the omergency syshim. Then oil his warms would be don't

Isoubets are nigode

I-le socioloro de unidade disersi invasidante
boren si suale in chia sidi. Problema invasidante
boren sidi. Problema invasidan

ton manieuwer for temporary equational orbit uh moderntely Proceed to execute manieuver at proviously designated time. Over "JD-two dato to squadron leader Te-

inference for temporatry detailabled officiyou are mellegen missing every term finant landing Good luck Good lask Gol Privi metry heard award because in the researcher for had disconnected the redspinance cable. The aid how and enables errall cable (this straps were detailed in drough the soon had he made of the feel than the all swetch flowhed is nuty-red. The bestern secretarily out of the side, certificial

bits The engine cutoff had failed. The ripd signed leght kept stanting at him from out of the dark implanning at him from out of the dark implanning to be better the warning signed. The automatic necluciar was inoperative. Fighting to keep his bal-

ance, Pinx jumped behind the contour cough. The missear switch was housed in a cassette inserted in the floor. The cassette turned out to be looked Natch* He med

yarking on the kild I wouldn't give. The key Where was the key?
These was no key He seed forcing the hid again. No slock.
He apparig so his feet and stated blindly into the forward schoon, where, she surface no longer eleval but an algren accessible, there now located a granted moon. Crateria come into were there long is considerable.

There now loomed a gigantic moon. Crabers come into wee their long central dradcome creeping stookthy slong the surface the ocular hour the rader attracted clothing sould years, they may not be small perfectly the wondered. Liftle green digital standed in the cash and he read off the pleasant, although the wondered they can should be a surfaced.

The ahip was now fiving a perificially steady occurs giving vision as the residual acceleration reached point vision and the most is gravitatively all give armoger. What to do? What to do? What to do? The metal coping why armoger which to do? What anything My Gazer, how could have been so staged? All he had to do was to find a way to reach the other side of the

to hard a weight of each the define state of the latter And Them as a weigh Near The soil. If they provide wheal to be define more with the control of the soil of the control of the latter than the special liver provided a begind entered in decreases a public had provided to control of the soil of the soil of the provided of the provided in the soil of the provided in the soil of the soil of the provided in the soil of the soil of the provided in the soil of the soil of the provided in the soil of the soil of the of the ground illustriags and morally class with a prest of messiliant with a prest of messiliant and with a prest of messiliant the weight the sharing in loads from no time.

tool glossering went of the control of the control

was no one to whom he could call in clatress. He was all alone. What to do? There just had to be a way out! He scrambled back to the emergency.

lever and winest tore his aim out of the sociality own so that he warded to cry it was all to dumb. Where was the lot of the sociality of the social to deliver the social to deliver in the social to

During a best viteral of sight has fusiously stifting gate lied on the set of the opportunity flow of the set of the set of the opportunity flow opportunity opportunity flow opportunity flow

The manual courried. Designed to gove inged builtness acceleration in the term angue Operated by devolvent frees all conputing to Operate and the Courried builtness of the Courried builtness of acceleration to support good than a second to be a control of the courried to a control of the courried to a courried grade. But welcome the courried of the courried to the courried of the courried product of the courried to the courried of the courried product of the courried product of the courried to the courried of the courried product of the courried product of the courried to the courried of the courried to the courried of the courried product of the courried to the courried the cour

To cush continue impact he could have switch as he borse had been freshment when he had the house had been freshment and he had the ha

Just as he was getting set to leap into the air the now-activated kill switch cut off the appeared. Propelled by its own momen-

Finng his pitch rockets, he accelerated being bent inward. He began seeing gray

His guestable bencen to dive-the feet on that he was done for Unable to move his Inventy-(wo beenty-three

INSCEY

that if there were to be an impact, it would chest the round in the ears, a throat all nothing brent nothing. By degrees the

The graymeter showed two as on the Eshwill blackness. Not a sean of the moon. It was there all right—below him. He had pulled out of his deadly nose dive and was

take a readout. Suddenly the alarm signal you've headed for the cemelery then at

close he had shaved it. The altimeter must

came as no suspisse. Even so he had to

The fly embarked on a ... promenade around the computer's microphone. Pirx had run out of

things to throw hovering overhead. lithely flapping its pages .

Damned if he knew Or maybe he should have the whole story on tape -- the way the bon in the americancy lower ... Any a such

well there was no door behind tem. But

and subdued voice. Cadet Pro-

hallucreting. Out of powhere the CO audfirm with his gentle gray eyes and amiled straps then rose to his feet. The viseo

He made an attempt to get up was reagainst the seal convinced that he was

turnel had been dismartled hatchway made out the catwork where a group of ings, the certing girders. Pinx stared at

on his fact it was chily outside. A breispe

What?" he instrictively blurted out

He present the valve and the air made a hissing sound as it was released. From

ship. The DO was standing on the cativals. A tarri banging noise could be heard

Then from out of the cabin staggered is writhing hulk of a man in a brown uniform

Strange experiences among the alien races of Magellari's Cloud

TOUR OF THE UNIVERSE



wor a bur of the universel. We's see Dyletic wheth or only just one perfective communication with see the first select when modes perfective communication with select formation denses and Addiscs Planet, whose term oscillates across a two-hour spathment of the control of the

PAINTINGS BY ROBERT HOLDSTOCK AND MALCOLM EDWARDS







We good of the Julgete Author on Caramredia and were Island to the internetival searming 140. On the lower interpretor can see the Bilagonia Magalian, parked on the Singularity that makes from the 1st profited magalian parked on the Singularity that makes from the 1st profited represent horse beam that you propile audient help utility prosessal the numbers of Binocals 72. In 15th Megalian Signorm we setted their archive for the profited of the Singularity of the Singularity of the Singularity for the Singularity for motical existence (Singularity Magalian explained brought that Singularity for motical existence (Singularity Magalian explained brought that Singularity for motical existence (Singularity Magalian explained search Caramina and Singularity for motical existence (Singularity Magalian explained search Caramina (Singularity Magaliane).







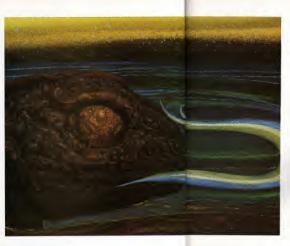




On sur real-rate, we melt be conveyou, allaborarchia. Al Casen Inhalls It It! It Intelligent was duty in the Determinent social to a challengly composed. Their testinihating pare logation or exchanging determinent of the conveyor of beel-marked to the conveyor of beel-marked and the conveyor of their service of







A HISS Of Dragon

His gene tinkenng turned the berry gatherers into fire-breathing behemoths

BY GREGORY BENFORD & MARC LAIDLAW

normaging Chagoni Leopoid selection of the Selection of t

and world down the locker leaf first. The booklets were stipping with green most for about 20 masters below the ledge so I slid down on them. I mad to keep the talls to under four manes and langed my bulk when I masked. I could have Leopold knobles been probe on the other sede moving down oward when our skillmane with periods

PAINTING BY ERNST FUCHS

A shadow fell over me, blotting out Beta's big velow disk. The brown bag above street it had caught sight of the berry bace and knew something was up. Most likely. theory. The pessimistic one was that the Dragon had seen one of us I amacked perfuly into a spintered boulder and turning purple anger Not a ressouring

Then its wrige farried the air backwards it diffed off the ledge hovering The long neck snaked sround; and two

expanded, catching my scent The Bragon But it was 200 meters down on the only juited into space. Below and a little to the

wings through the shifting green too. I surred in a breath and run off the end of

beef this one down to the slummer was by I banked down, arms out. Our gravity is only a third of Earth normal. Even when falling, you have time to think things over I can do the calculations tast enough-in came out to nine seconds -- but getting the then popped the chute. It farned and fifled

strapped my face. Then my harness jerked me to a hat I drifted down. I thumped the release and fel time. Above me, a formost o'clock and I turned, snatching for my bloom Could 4 be that fast? But 4 west mer It was pointed along the best outbrand wird. Hups almosty down is staninto the pecials. I caught a dank foul reek of Dragon More high abnesing, closer-Leopoid came nunero un portero He

wriggled into the rear seet. A thumping of sings. A peang of writted leather Sprie-Dragons don't fix they float. They have a bio owen hydrogen-filled dome on their backs to give from lift. They make the hydrogen in their stomachs and can dive caseky by westing it out the ass. This one

benked turned to get a look at the huffing brown mountain hooting its anger at us-I take back what I said this morning."

Leopold gasped. "You'll draw full wages and commissions, from the start I clidin't say anything. I'd just noticed that somewhere back there I had passed my

I covered it pretty well back at the strip it tested out of the slemmer and slipped into my beg an I aligned on some fresh socks

When I was sure I smelled approximately human. I tromped back out to Leggold 1 success be bioled out by an embarraseing accedent. It was a hirer's market these

fat fermlands had given me an edge over

Leopold was the guy who "inverted" the notion to Lex. the blooms and tinkered with their DNA. Dipats are beloonlike and nasty.

out of mean sonsofbitchesblimps with teeth

is what they were. It gets tricky when you something that's

already that unstable. Leopold made them begoer tougher and

If had been a belief potrol broangingening Trediabennes are a luxury good, high in proton and delicious. The market for them regist colleges if Lexis aconomy got worse... The cooper seams over in Bahirin only good flying job left. More than anything else I wanted to keep fiving. And not as a one duster Clod-grubber work is a peer Leopold was learing against his slommer a little pale watching his men husk

"Goddern" he said "I can thought out led. The Dragons are houling in more bernesthan normal. We can't get into the Lairs.

Mating season? When a that?" the pullbushes bloom in the treetops. The pollen sets off the mating urges in Discoos-sless up their harvest, but if also makes em meaner "Greek." I said. "I'm allergic to puffoush coles. It have to total oil Diagons with Leopold shock his head absently, he

there is nothing wrong with my Dragon de-"Seems to me you could have bond down the behavior plexes, I said. "Calm

from down a bit ... I mean, they we rust or own even need to be mean anymore. They don't browse much as it is nobody a going to "No way-frems just not the money for e. Drake Look I'm operating on the margin here My five-year rights to the genetic put-

ents aust rain out, and now I'm in competition half of the forest. Besides, you think gene sphering is easy? Std. if they can becominger humans

size of our progenitors. Drake 1 made those Dragons out of mean sons ofbarrius-termos with feeth is what they to cycles of scenething that a niheady that

I nodded "I'm no bipengineergranted " He locked at me and grinned, a spread ing warm grin on his deeply I ned face. do-maily good. What happened today wall. I'm getting too old for that sort of thing you hadn't been there i'd probably be stew-

ing in that Dragon's atomach night nove-I strugged That gave me a chance to roll the slabs of muscle in my shoulders neck, and nectorals......a cuttle advertise. mont that I had enough to keep a slommer

I have toriots on the good on that you meatine at the Arizin Tayern for a chick later want "

"If a cleal Leonold, See you there" thickeborros. His thick muscles were still I whistled like a dunowarbler all the way home, pedaling my new skimmer over the treetops toward the city I nearly wrapped myself in a floating thicket of windbram-

bles but not even this pould destroy my good mond I dight notice any Dragons roaming been plucked of their bemes and then snorched. Leopold had at least had the provide for the thistlebernes' constant replenishment. His gave the Dragons a throat It would have been amples of course, to

unclimbable thorntees, where you can't soon maneuver a skirring without great will if it's on the ground it has spines

insetage its wide rubbery wings slapping smackwing. Good meat, specy and most. mass to calebrate tonight I decided to tring her home emackwing for dinner I

look the skirmer down in the path of the smackwing, meanwhile slipping my basen The trick to hurting in the sir is to get smadowing taw mo. red eyes rolling it missed a peel in its tepping and dived branches name with a low terting sound The smackwing approach this blancing thing

Skint there it too freedering it sewiced about a meter under the bobbing cree-And stopped fat, in mid-air I laughed aloud, sheathing my blocer

The anapper had won his meal like a real Bereath the snappers wide bamplike sticky material. The smeckwing shuppled in the most folds as the snagger draw the that clear sheet must have been inwable.

the soot, the snagger had entirely enquited Pale yellow eyes considered me and reextent the roman of me as look. A ponder-

I flew into the spired city. Kalatin. I parked on the deck of our apartment building high above the ambied exerten had been successful, we'd be able to stay better apartment. This one was as old as

a creat deal of the 1200 years humans had been on Lex. As the wood of the lower stones rolled and as the building crumplied seems new cularizers were just built on dream in the meantime it was an inhabit

ant's ruchtmate Five minutes later having negotiated building. I crapt questly to the wooden door of my apartment and lot myself in clusch-

ketchen, so I sneaked to the doorway and incked in She was turned away chopping I grabbed her throwing the steaks into

me out hisself and I ended up szying

"His you!" She governed her none your ming away from me. What is that small "Like something died it's all over you" of unner liplayed it safe and said. "I think it's

Angis base hard to negonate at right in But not completely two beggars accosted us as we dismounted offering to

celebrate 1

skitseed away. The Aregie is so buy, so full of clear of beggars, I guess was either the small of Dragon, which I'd

We went in a belocity entrance. Fat belters overhead dangling their cords if aregged one and stepped off into space.

Well take it somewhere also if microsking

"Tilhon in the cycler You can cook up the

The Arcus Tavarinas no self-cent, conditor

ing it from the sample of the city below

approach, but that's pointiess. Them are

Evelane padaled the slommer with me wobbly landing on the nokely side deck. It

steaks I brought then we're going out to







It disease I want to get involved

dressed patrons nodded as we eased "but that " he called We stepped off

oreo his ladge. Our balloons released You didn't set a time Evaluine Leopoid Node introductory phrases "it seems guite crowcled here toreght."

Leopold shrupped "Hard times mean

Evelane has the directness of a country gri and knows her own limitations, she apped by me, eating up tablestraps left by the potrons it saves on labor Arrid the gm and babitée i placed our order with a

I glanced at its owner "No." The man was big swartly and support hirsself Thought you warted Desgon work." His

"How'd you know that?" I wasn't known in

Leopold heed me today

The I hear I'll top whetever he's poying price. You can start temerow

andren his free was someting about this man I didn't like Maybe the way he was Flying for Leopold is dangerous He

See you arrured. I send A sense weeearling in a nearby booth I took advan-Betels wan light also never pushed meny tage of it to step into the expanding blue cloud so Rhang couldn't follow and see heavy elements out this far so Lex is metal-occir Without non and the rest you sensation of pleasure, and then I was out of

I saw them on the starway They were picking their way down it delicately I tent cirches gave them away Offwerlders anabouty name to Lay Willia still the only lowers most offworklers away, they like it then pick their way down the stars. Think

here even though it was alread. It could

corne to that They were short as children but beginned with narrow chosts and skinery griged here long ago preving for it in re-

watching my own ancestors ges of gravity Rules of thumb say we

than Soi. Beta doesn't heat our upper atarriess except for accidents of birth it started out with a dense cloak of one, and the atmosphere away and them wasn't

€I looked into the Lav again: One of the Dragons

was prodding at the other making low whuffling and I saw my chance.

Dragon wheeled and headed for the entrance

tarrer erosion than on Earth. The winds moved dust horizontally exposing crustal powart up. They belighed werer and gas onto the surface, keeping the atmosphere

convening a backwater You sell your trained and said. You got any sparkers in this Laborate my heard. Maybe be dight know that getting a sendup by tying your frontal lobes pro an animal's is diegal here. Moybe

looked like a misshapen dwarf to me, and I softed make Fuelune was described life in the fiatlands when I got back. Leopold was rapt the wary lines in his face nearly gone Periams does that to people She's natural and streightforward, so she was telling him

nght out that she wasn't much impressed with city ifto "Farmlands are quiet and resthaster-but we can glide in the updrafts,

"Speciang of the farmlands." I said. an old friend of mine came out here five years ago. He wanted in on your operations."

What was his name?" Lom Kramer Greet prior Leopold shock his head "Can't remember He's not with me now anyway

Our donks arrived The steward was bribable, though-Rheing was right be-"You haven't answered my gram" Physics said directly to Leopold screening

'Dich't need to Leopold said tersoly Set out I'll give you a good price around abroading the planet causing Phang casually sank his mission flank on our table edge. You're gotting too old Something Sicketed in Leopold's eyes

> "Tak is "Rhiang went on milely, "market's "Mydre," Leopold said: "What you been

> Tight lips and narrow minds go to-Fituano stood, his barrel cheet bulging "You could use a liftle instruction in politic-

From you? Leopold chuckled. You present reality is that there may be an oversupply of thistlebornes. Merket strill bed enough for two big operations into outs

Too much of you, that's my protein Litt Tomy surprise he did He nodded to me. sproved Evalance and gave Leopold a look I heard them first. We were taking one of phoned streets below A stone slide clet-

tered behind up. I saw two men duck bereed a attent index. One of them had something in his hand that differed You're sumpy Drake, Evelune and "Maybe" It cocurred to me that if we went over the edge of this spine hundreds of meters into the thom scrabble below it

Luccoid glanced at me, then back at the votcanic rock, part of the natural formation that made the spire. Rough black publics singed underloot in the distant starfecked right, skylight called and boomed sym i goodel tooked back and said. Took one of them. Rhang's right-hand man." We humed away I wished for a pair of characters materially that the was senous There's a split in the trail ahead." Leopoid sad 11 they tolky we'll know

We turned They followed "I think I know

ging in the darkness and yet make good We got a bundle of them together 1 Go on up afread." I said. We were on a narrow wated. The two men appeared. Before

I stepped out into the wan light. "Hey!" I velied to them. They alrepted precisely

on? I said, to wait The biggest one produced a krife The first spok hit, coming down from over prairied down striking the tag one in the

I turned and humed along the path it to dodge. It was an old schoolboy trick, but

The implications, though were schemo If Fifthance fell this way try new job maght not

I was bagging better in the oxyernous to trish this perboyler bag rather than stendon the bagging-pistor. The last be of flad sprayed over the heap of barries and began to congeal instantly its tramenaround the inequity pile and sealing per-

for later I haved.... A slow fispping boom. Outside: a wrin-

now I dived for safety The Dragon's Lair. was parpeted with a thick collection of next burrow through, but I didn't have any choice Behinding I could hear the Dragon oficial Promotout of Cand worker, 124 and have to be sure not to fall from any creat heights I didn't worry about it, because my slemmer was parked on the ledge just out-

I stuck my head up through the nest to

scape my position. The bulk of the Dragon which was clear of fog today. The beast seemed to be preering itself. That was

buzzer in my pocket went off again, though looked at me. We were trying to avoid slipit was supposed to signal just once, for ten

one thing the Dragon that occupied this Lair was supposed to have been far from quest dight really belong here. Dragons never used the wrong Lair unless it was the

for them to come back down. In the darkside was cut off. I poked my head into the

one sharing is Law-and the wrong one at

pretty soon, so I burrowed deeper moving My elbow caught on screething. Cloth 1 truehed it www, then looked again. A ng material I caucht my breath then

poked at the unitorm. Something glittered and read the name on it. Lorn Kramor Leopold's group after all. But that still circle? explain why he'd left his clothes here. waxi mo. It was imp, but tangled in the

nest I lerked harder and some long, pale things ratifed out of the sleeve.

I winood. I was suddenly aware that my present situation must be appropriat life Hooked into the Lair again. One of the Dragons was prociting its about at the other making low whatting sounds It dich'l look like a hostile gesture to me. In

fact, it looked like they were playing. The n a moute both of them had left the Lair I saw my chance I ran across the Lair.

cut pedaing funously away from the For a minute I thought I was seeing times. The landscape below the was chdn't go away but got cleaner There was a



Our testing shows that right about here.

the Laus Leguid see. Where had it come I sneezed, passeng through a high plums out of the cloud, but by this time my years.

fatered as I fought to stay in control, my Nothing affected me as hercely as cuffbush polen it was the proviting I was

seally allerged to

But where was the darried stuff coming term? It was an months out of season ! started pedaling again. legs straining I turned to get a better view and I know Three skinnners shot into view

from around the spire of Paramount Lais I held on and brought it up just as the first skirmmer were some empty begs that must

I meled into an updraft, pulling over my attacker grabbing for my own bisser. The camened into a sharp turn. If was too creefied together with a newtying sound. slowly toward the treetope. Seconds later.

Llooked for the Findman, just as he game. up beside me. The bastard was conting and I recognized that grow it was Kwelen

He nocked once, affably and before I guand of my slummer. The pedals rolled glided in treckpedated for the drop-and

crashed streight into the wall, thanks to my runed pedals. But I made if in alive, still spie to stand up and brush the dirt from my uniform. I shoot at the mouth of the Lair. staring out over the forest, considering the into almb that lay below me.

Not one, this time-not even two. Five shedows wheeled overhead five hupe bear's headed toward the Lair where I was standing. And finally five Dragons dropped. I least back just in time, scrambling into

above the forest billowing up and around. the blue shadows as the first Drapon, noise was coming from resking I moved back farther its four friends were right behind. I kept moving

trig off their means urges by dusting the

less by safety home, wasting for Leopold's Dragons to kill off Leopold's men began to move around produing at each

€One dragon to go The others were roaring and waddiing. My time was up. I froze. Alvang armed his

His leas serked convulsively

I danced away as a daggerbush snapped at me.9

the meta be of help. My woming buzzes had shattered in my rough landing. I threw seemed okay i unhoistered if and began to move along the wait if I want passfully. I no the sounds of their efforts thundering tenated from the batto-apparently the loser I growned. He had moved directly in A hupe twi pounded at the ground near

not looking at me. There was no place to back ripping her in the hydrogen dome She aquevised and shuffed away con-I stopped There was a hissing sound behind me Turning I could see nothing but

the Draggo I displayed She dignit appear from her direction. I peered claser through

I nearly laughed alcud. Here was the answer to my problem. I could defiate the

Draggra legying them stranged unable to feer of pursuit. I lifted my blaser and aimed formale and another male who was directly

One Dragon to go. The others were roar-ing and wedding. The Law was full of the I turned to my last opponent. He wasn't looking my way but he was blocking my

eat I moved in closer and lifted my blaser I fund myself seade just as he belowed belowing I fined again and once more missed his hydrogen dome I made a dash

My time was up. He was about to blast

The Dragon opened his mouth, belahed

I saw it coming and ducked grange exployer rumbled cut, extelling myself in the nesting strands and probbed

by the blind, he took off. My nyclorows wore singed, my wrists burned.
The world spun beneath me. A tendril of leefsery tide of Dragons. Than my view gradually dayned on methys I was clinging

to a Dragons and it occurred to the Dragon at the same enapping angrily His belly was firshing purple Every now and then he let out a me Meanwhile I held on for my Ma The Drapon flew on but my weight

seemed to be too much for it. We were dropping alowly toward the trees as easily I dhave to deal with the Dragon afterward I spied something riging from the trees below us. It shot swiftly into the air after a roping beneath its blimplike body It was a I kelved on the Dragon's tail dragging it sideways. The Dragon lurched and apun

Het po of the tell end discipled, my eyes closed.

In a second, something soft rumpled benesh me it had lended selely also the smegar. I capmed my eyes as the sudderly upward. I wastered if give every hen hooled down at the singpor, my select protect it is early down, as if I work you have to be a support of the was pushing it slowly down, as if I work selected from the a comfortier to be the selected from the a comfortier to be the selected from the common the selected of the common the common the selected from the common the selected selected the common the common the selected from the common the selected selected selected the selected se

ground

Tike your style, kid."
I simpled inearly losing my place on the

I jumped resety losing my place on the inaloger. The voce had dome out of mid air Lefauly. "You." I said No more was necessary He was banking around behind me. Kwalan Rhrang had returned in his starriner the critical sassiy about me as tell lower than younger.

ing, his huge legs peddinghim on a gantle outrie. I had to fur my head to keep an eye on him. "I said before I'd top what Loopdid was paying you." he shouled he think vececump the high air "Whe soday, I thrie I'd lay double." I loud use someone lee you."

He strugged "Gave you a chance to prove yoursel". Come on, you're westing your time with Leopoid " "And you're westing your time with me."

The "And you're weating your time with me."
He shrupped again, utbry's use of historia self. "As you with I gave you a chence"
way
I nodded: "Now just go away."
wor "And leave you so self Leoped about all
sight this? You don't there I'm going so let you

or "And leave you to sell usepid about all this?" bou don't famile. I'm going to let you beck alive. do you?" I face it has no sell a bless if non so hell he after at his wast and aimed it at my head the grin widened. The seurze diopped is fraction and I healthful a life server.

he set at his wast and amount or my nego.

His grin widned The seuzze diopped a
fraction and I beathed a little easier.

This: he sed distantly hely kill you
stught of? Sow deaths are more measuring. I think. And harder to tace."

He served at the surpose if the resorted

ing I think. And harder to trace."
He ismed at the anagon If he sunctured it if dipp into the trees. It was a long fall if wouldn't make it.
I growled and grabbed for the gun at my

well, bringing if up before thriang could move the started at mic for a moment, then started laughting. I looked as what I was holding. "What me you going to do with thet?" he said "Bag ma?". If was my bagging postol at light I foll chropied the blasset book in the Lair But it.

would fill serve a purpose imposed all mile i danned asswy it was Esactly I said and had. The gray full equinod across the narrow befind mile. Bhearg might be facing the princips hands he fred the blaser but Bet i don't have as full op DED.

successed only in melting the bag enough to let the wespon breek away it fell out of soft

g to let the wespon breek away it tell out or eight. His eyes were wide. He was considering deem by sufficiation. No, he choked.

The problem of the head I put the need bg Agin over his feet seeiing the pedal mechanism opt. His large world committee shall be a seeing the pedal mechanism opt. His large world committee shall be a seeing the pedal mechanism opt. His large height of committee was cut of committee the seems turned and gliddle seey on he

varieted behind Peramount Last and was gone.

I similed back to observe the heetops.

Theng might be back but I doubted it first held heve a long water sheet of the over unphassers terrain back to his base if he outdit mensure has skimme use.

But I skicht worn, about in I wordheid hie hindringen has book mit and presently hie snapper brought me partly to the ground. I democrated, lawing the wrapper to bed, bed, who the air and begin to wake gragorly across the introductible ground accessing the spines. A depperblush recipital with the proper shapper and proppid all me il statects way II was ponty to be a rough walk cut. Somewhere behind me. If there might be taking the same problem. And his warred me dead Bet I debrit have as fast to go BO.



The meaning seemed clear until the aliens sent us their responses

you easen yet? Come visit us if you have

of 1977. Early in 1979 it slommed past to satelites in 1990 it swung past the ringed whirled off into interstellar space toward the M-class dwarf star AC+79 3888 in Ursa.

twelve-inch phonograph record, made of The record's object to inform any alien. Earth west with hespiness at its atmost un-

existence and whereabouts of terrestral leurching, Voyager T collided with a small

A tyl Emergency Session of the Styleges Collective met to consider the sport of the The upstart race, within a more tive thousand oveles, month passess the capp.

patched by transpatel amp to the operdirates shown on the pulsar map, elim-Voyager 18 improped on the sensory

BY IAN STEWART

were intended as a friendship offering Earth a creation of pure harmony and say as

veloped the solar system. the people of risiligence that it might encounter of the bearably polynam distillation of weadon and solomnly Al other activity gessed while they contemplated its perfection

A Janquichan texor spetted Wavager NO The ofcrisi detector nucleed gently away trajectory with its magnetostatic leelers extended it successfully orappied the re-

The trition type multiprain analyzed the fused mass of silicon croutry paid mute testimory to the departed intelligence Information analysis of the disc assorbed to the whicle revealed the purpose of the

supposed by an organic apecies -- mechanhundred fromand transports, began the hale, of opposes palenty to the first. This

back along the connecting line. A slight overshot compressed all the matter in the The leading topologist on Careosph-

across three star lanes and rammed headphonograph record, which miraculously evidence for tracking down the guilty party errment refused to comply the Pagulators

Printed in the seat of the greatest civilization ever to have emerged in the Third Galaxy A pulture composed entirely ordinary meterial arms of the rest of the galaxy seeking instead the Final Synthesis Long ago he Palseetrin phéosophers of new intelligences served only to remforce the pattern of rationality perceived When news teached them of the alien artifact. Show that not depute that if would confirm, yet again, the pattern of the Final was required for Ulmost Certainty

ole mind and not mind, the philosophers. observational that only the fan recent survivia-Voyager IG traveled farthest of all seto a cals. Here dwell the amurghs free floating like a fusion torch, and hearts as brack as

esega odselegrate The trry craft was nontured and placed puzzled over the record. But later on they audio analogs of visual information.

With increasing excitement, the were units seemed the pictures. Was that not tem for personal transport? If that was a promising, but was it what they hoped for? Then currie is declare of a proup of checken. licked their raws in anticipation, and readed the mass-propulsion units Evends of space, have you eaten yet? DO



the beffling messages on the golden disc. betrotheds when Voyager 16 noochweed



It would be so easy to change history, now that the time machine was available

NEWTON'S GIFT

BYPAULJ NAHIN

allace John Steinhope was a sensitive human being a person deeply concerned isloud the welfare of his follow orestures. Any cot of injustice, however sight, made his breast pouce with righteour selegation. He was a stemption of the pay, and his motion in the was islaum from the amount Employ also of Issue. The contition of the was islaum from the amount Employ.

bein wilde sit all strelly rectained with Wildlace's heart solved might, years he made of the listences being remoduling acculations endured by the great mathematicans of old Just thowing distribution clearable management and warring listency morter of the product, seen strong grinding out beloace mathematics that even a durant occul on Cody in artifacts on a force conscious was plear apply of Williace Cody in artifacts on a force conscious was plear apply of Williace pointly reason? If all because of a simple allering produce other law orderes of locations, was allered unbegrable.

reduce, Number proyect a special often in Williams file can be wretten, as we that all con seel of where the other great interference physicists had merely been reclosed in their or other great interference content compositional acids. Number and object includes die metal vasirection compositional acids, Number and object includes die metal solities, over his file milition words, excepted rise polential centring. What is waster Williams worder candidately over the research of the stronger medication of latest and boose his freed at the waster of the stronger medication of latest and boose his freed at the waster of the stronger medication of latest and boose his freed at the waster demonstrated with the composition of the control of the controlled with the control of the control of the control of the controlled with the control of the control of the control of the controlled with the control of the control of the control of the controlled with the control of the control of the controlled with the control of the control of the controlled with the controlled with the control of the controlled with the control of the controlled with the contr

PAINTING BY RUDOLF HAUSNER

claring a weadergittal that's enother tony's So deep was willkindes anguel and processors that own as he give deter and the own terminous stellers as mothershall physicist garned that an international reputation in shoughts of the unresecurable meany of his scientific orders that the processor of the source source processor than that the processor sourceful first Milk like sport sourceful first Milk like source sourceful first Milk like source sourceful first Milk like source that the purpose of Eight-her cookings.

cheir, his explained was throughe easy bounderstand, and an easy, it will trave to an opposite the part of an experiment to a pot action the give of appreciation to have been as the company of a pot action that give on a pot and to the part of a pot and to the part of a pot and pot an experiment and pot an experiment and pot an experiment and pot an experiment and pot and pot and pot an experiment and pot an experiment pot and pot an experiment po

played on its red light-erriting clode

the chains of his imposemented heritage of mathematical insolution in No more mathematical insolution in No more Nagaria bords for Nester's bords for Nester's bords for Nester's New York of Nester's horse for Nester's New York of Nester's Nester out to be under the productions. He shall have not been solved by the production of the shall have been solved in the Nester's Nester of Nester

ask to be completed. The entert petion of Newbook mighty trans from seducin. Peased entermously at helitologist of the great good he was about to control file flat or of the time and space coordinates for merry old England. Ripped the power section and varished.

Massession in the Uncollables coun.

endercous with deating I have the second and have the post of both property and and have the second property and grown and deating hardware justices and measuring the cologie of minty of cam grown and the second property of hardware the pass of the Black Costiff were hardware they was of the Black Costiff were hardware poster years, when the essential of cloticity works with the property the property of the property of the property of the property of been dipported when the processed of law of providence would be greaped BM for much about or would be greaped BM for much about or would be greaped bM.

destry calculation. Wallace is gift would step the look on those that not Accelerate genular. It was cally evening when judded by a map of the array progress by a third who was both a clargrapheth and ambout free-was better to the progress of the array of Wallatin pro-thy-Colletenach II. was been, in a small familiaria. The Wallace would meet his here of the ages A cold, gettle star was falling the shape and the door. The son, has just calculated the door. The son, has just calculated the door. The son, has just calculated by globed urside, reviewing through the trans-

I was to pippop on Epith — the coalised.

Load of the plants in the missippoid the law to be a first interest to the second product and in an emptor the law to be a first interest to the missippoid the law to the second product the law to the second product the law to the la

€ With his heart about to burst from excitement, he

incrudition of the species." But for the importance of his self-responsed mission. Walking would have sharted closed lever

from the third of it, all
"Is the fine home of Iseas Newton?" he
asked in a voce quariering with the tembling tones normally used by lovers about
to invest their deepens learnes.
The young man of medium height and
with thick has obseed yellowing signs of

you if "
Issue followed Walace into the norm and stood queelly watching as his water removed his posted cook and has The ports bit time machine was gently placed on the foor met to well. The post-airth was straig and safe in its plasse case in Walace's shirt pocket. "Then's you Market Pelvelino, May we set white we stac?" I am alload you may with to tope some time to consider me.

Mononing to a chair near the table, based

comat and joined Wollace "flux have a strange count to year season, listing pour services." All the pour terminations of their pour terminations of their pour terminations of their pour terminations buggled blood of this represent well-interest and it gate supprised him till also attribed leads. "Pleage forgive mell it is just that these transactions over year; fur to saw you has see I am from the him to well you have the aim from the him." Wellace

Now A was lease to time to large. D. O. A time is most indicated. Any give a find off Barnawa at "limity" It would be so like him to be play such a hast. From the latest incided." Wellacot's eyels either at the sight of the papers on the Sable where leased had been working. What wonders must be filtered working. What wonders must be filtered working when it was only in any other studies. The behalf is studies. Wellacot would have exhold about their control, but the did not been called the had to

stocks to be born! In Arry other square, Walliscow would have bedood bock! their conterne, but the day have bedood bock! their conterne, but the day have been creat. In his had to the thin has be walk which less that it put and the had been the with the first tool. I put all the had been the wind to be consistent and the had been to be the second to work that the put content to the second to put the second to the second to

no., yes, i orderezed you resultance to believe me But, ledv free? The will converse you of the horsely of liny words. Will ledo guided the streng bleck plastic-cased could be proved to the provided of the power seatch or The orang of LLDs glowed bright in the sjectry room as they shalled on man random a spatiency for burst.

chair back. Was he trightened?
Yeathe Lord is my Sever is did a creation of Lucitor? The eyes of it shine with the color of his domain. Are you one of his serfely

agents?

Oh my not Look here. Master Newton, let me stree you that there is no block magic or obsolvery sinched. It is not per feetly understandable in terms of the lives of Nature What I have here us in submitted calculates a device to perform all of your laborous mathematical leadous

So saying, Walance squeezed the asses of the calculator case together wheating pressure shaped things, and Topped the case speen on a fenge at the top. Revealide to lease speen on a fenge at the top. Revealide to lease upon on the shaped or the occurrence—a stipfly pocked whence of prefer except begans, a mass of integrated or custry, the email LED display and the seased includes balany lates as stated in.

saleur ribbeier bestellt place seind in serby at the self just of Wellere ovuld see her mout four only of Newton in preatment begin to own way he mids algorithman. The whole are the peer, these, opining, and self-bit is only of the obstallations! At self-bit is only of the obstallations! At self-bit is only of the obstallations! At self-bit is only of the obstallations and bit is only of the obstallations and bit is only of the obstallations and bit is only of the obstallations has provided to provide the light!—and many little installation of our strong. The only obstallation is not strong. The only obstallation in value type strongs. These in classification is not as type strongs. These in classification in value type.

exac that moves!"

"Oh, it is all done with electronics, Master

Neutral The central processing unit has address to a social-criation memory that contains the decording legic necessary to expende the appropriate app

Step. size. Oned issue. I understrate only a few of the words you use and nothing as all of their meaning libst is a downwarms to accustate not be openiment, mechanics work mad to be openiment. And their medical states and their medical states and their meaning means in the box. How can it work. Water were conferenced in the medical of overfolding the handled of years of openiments. However, we can be a progress with the Newton's time, we can be a

progress after Newton's time was one is child might make "I am sorry Master Newton I'm going to first to you." Issue bolled at Williace with a thorn, but Welface failed to see the proceed variety of the proud Newton. Going too tast, indeed?

Welklas pegased to lay a from frechropopal Sociation for Newton 16 than he operate, certainly for the sale was 481 in genue, certainly for the sale was 481 in a stour! Moward in equitions, fluctures and stour! Moward in equitions, fluctures and stour! Moward in equitions, fluctures and stour. Moward in equitions, fluctures and stours, and observable to extend the stourtions, and observable to extend the stours and observable to extend the superpotations of all that in ordering out of approper time sequenced Sociatification, and expenditures of the social stours of the superpotations of the social stourtions of the social stourtions of the social stourtions of the social stourtion of the social stourtion of the social stourtion of the social stourses of the social stourtion of the social stourtion of the social stourtion of the social stourses of the

spelized he hed to do something arrything, embedded, which was a something arrything "You carnot derry your own eyes," enworsed Wallaco "Let me show you if works. I'll divide two numbers key you with you had punch of a few business Wason his "And, an random he entered 81.818 divided by 123.

Root Wallace, of all the curriers to use they were the worst!

Within milliseconds the answer glowed traptity in lessy, sed characters. Wallace looked with prode all the result and then alleady enjugate in the most with the lanew would be feated smarpersent turned in a year to the given into Mishall has been well as the season of the season of years of the given into Mishall has been made tight on the needs! Needon that streen to like target on the given that the production of the season of the season

as if in prayer.

The mark of the Beast, it is the mark of the Beast, it is so written in the Book of Revellation—Here is wasdom. Let him that hath understanding court the number of

his number is six hundred three-core and

Figure 1 between 1 between

you, west-thir Wellaco quickly purched in the data and other the arresser gleaned steady) in bourning of characteristic or the LEDs. Issues of the term of the work with lear so he again saw the weard electronics de thor manetos assignment, and then he shut them sight. Wellace was becoming desperate—the sours the way it was supposed to be! Don't pouceed—mapping the soldous work.

Struck dumb with confusion at the uncontrolled outburst. Wallace stuffed the

calculator into his shirt, grabbed his hat, coat, and time machine, and rushed from the house He turned back.

The territor back.

Well fluid only for the occhange of my social That is always the Dovis grote for his social that is always the Dovis grote for his socialized gifts from Hell?

As Isano sheeked these hist words at Welling his released the policy rown his head.

Begone, you emissary of the Dovis Words! I know now you must be in the employ of the Petitor of the Anderivinst but his Lord God Arraghty will protect me if I do not weer in my more the Become, or III shall view out brown my merch.

hastel were were wellen with ear, many cloning back to show all what is gratile surrowed from his mouth is a the yellow at Walkace, who stand or shoots at the wild man who threatened him with death. "These are surrowed and the standard of the surrowed and the standard of the surrowed at stated by us others to everything a believe these could' be not the death sometime. The surrowed has the standard of the surrowed believe these could' be not the death some surrowed to surrow the second to be not surrowed to surrow the second to the surrowed to surrow the second to the surrowed to surrow the second to the second

God too Now leave my home you dark

beast from hell, or by the heavers above / shall deathly you?" As he shrilled these words, Isaacbrought the poker down in a wild swing that bandy missed Wallace's head.

bankly misseld Welleven head for you should be seen to the or controlled outside. Welleven shifted he had controlled outside. Welleven shifted he had controlled outside. See head good to the focuse An Ire human from the cool, see right. The timed bank, just once of 1500s. Welleven timed be 1500s. Welleven timed 1500s.

He ray, for how long he couldn't recaling heavy with the rain. Basis of raga, trainistics, and abook streamed from he year. Psycloid by the grant Newton't Wellcam him Wellace burg the calculate mothe stream in his semble anget and act-

from Newton's world as questy and as called self-red corns.

As for label Newton, sither having chassed in the Devis in sector per form the Policia. In the Devis in sector per form the Policia in the P

Five years later long after theyton had warmed to Demichage a great premote, no critishan were frightened whom is not by steam subsidierly resurded mind a greater of steam. Moments later as the cruption subsidied, the inserted for most individually the boys could study extern had the afterior process of what he thought was alread black lock, and he tassed them back. The mail dott was soon objection.

Well over 300 years love. Wellace John Sterribops stappeared in this over time 14 was observed by the same man apublic his screen as a bother his to come to the sid of any man or beast that to come to the sid of any man or beast that to a fault. As for as this friends were control, at lact, he had over reproved (missing the provided his screen of the side of the side over the side ov

Wallace John Steinhope, you see, never again had another land word for Newton, or for that matter, any words for him at all DO



Gilbert Williams portrays a universe of archetypes

CELESTIAL VISITATIONS

The painings of Gilbert Williams, a young California artist now living in Mann County are good examples of what visionary art is all about. The imapies are disarrière—isodicapes filled with glowing oplor forms that gould have sprung from your own unconscious, ceretaking in their attention to symbolic detail "When I work," Williams says, "I

start from a conseral idea that grows and takes on a He and chrection olds own. I don't know the direction a painting will take until I start really

ngriverbal evolution Williams was born and raised

formal training relying instead on his own imagination and development of Mount Shasta California, an area he describes as "steeped in metaphysiand produced most of the paintings

Williams is an exponent of visionary California with its spiritual home in the Illuminanum Gallery, in Mil Willey. The movement crew out of the psychedelic and fantasis art of the Sixtee and Seventies and combines spritual seeking with an eye for with the surrealist painters of the Twenties - most especially Salvador

Among the most potent of symbols are the medieval unicorn, representing miscence; the jewel, denoting wisdom and franscendence, the pyramid, for firmness and stability.



Dall and Gorgo de Chinco. The briter and salaro edge of the surrevists is gone now, visionary art seaanches for the next trens-formation in man. It is an optimated and wise to surrevise in the

hamations view of mail's posterial.

The fallent room on Willams's and is apparent sinces-shaped objects in more process. It is apparent since shaped objects in more process, and is apparent since shaped objects in more process. All the shaped objects in more process, asking those special enterestings from the past, such as wrigon horses, salling those present enterestings, more in marked objects or process. All the shaped objects of th

Symbols of man's dreaming past CC Clockway, from below Sky Messenger, Dregon Song, Sea of Verons







GOD BLESS THEM

BY GORDON R DICKSON

Nobody in Congress or the fisheral government or the public has put forward a case for a U.S. manned Mars Messon, "Press said in an interview." And if the Sorvats decate to append \$70 billion to find men on Mars in New years we say "God these them."

-Les Angeles Times, reprinted in the Minnespots Star, Thurseley, October 12, 1978from an interview with Prairi Press, sciences advises to U.S. President Jernes Carter and chearman of the presidential onews commented in the presidential onews commented with the comment of the presidential october 1979 of the president on the space

There was no mail at the Man Minneapole Post Office for Medin Swenson Almost no one pot any mail at General Delivery on Mondays now But people went there, anyway athrough tasky the air condi-

boning was always off.
Medin let the post office and walked alway he beetly seven blocks to the steel market. It was a bibliobingt duly moming, already turning hot, and he could feel the Tead to this accessed frough the firm soles, of its stocks. At Tillied th Avanus and Their Street his stepped on something herd and stropped his parket to refer the sole of the stocks.

PAINTING BY MICHEL HENRICOT

richt shoe. But whatever it was the discovthese days and there was no hope of get-

market the hard upoght chars along the walls were all filled. The air conditioning

narrow white face, under an up total shock sion of histatural ammoyamon

I could manage another len percent Merin seed where for set half a day \$11. the chance

Mer in wated for a chee, then setting he they creught you drapping off-that exgrees. The Qualitied Laborer is a Consoorderus Laborer was their slotten Merkin included the man next to him began teading

tative. Anatoly Propech that the country tions to rety on other countries for large Prepara and aloud in session a 1978

The White House statement says

America's cwil space policy centure on these names that activities HIV refect of space engineering inhalive comparable to

The man stooped reading folded his paper and turned to Marlin Can you magine that?" he said. Just filtern years ago, a White House statement swyathat What were they using for brzens?

it asked. Although probably his nwn age. cence. Curly black hair, skotil body pake

⊆ In the narrow walting room. of the slave market. the air conditioning barely removed the strik

of unwashed bodies. Medin was clean this morning. It had cost him. but this was his special day. 9

cents got eaten for breekfast. Merin had There'd still be a chance for this country. Sam Church My degree's in electronics

Gravityless? You must really have good clothes for this kind of place? No

I'm dressed like this because I've got a

moment the words were out of his mouth-

"Oh Goo!" Church breathed "You really have an interview?

"Two been waiting nine months." Merkn said cruffly His was sorry now he had talked toltramenatal. Luckey Church seemed to

Where? Who with?" International Positions Merkin said

"Not down thely!" he said "I used the soap and towel and a hundred to here

"You're office crashing?" he said. How

dangerous is it's able Mortin seed

Of course " Marks felt trapped by the

Church breathed out softly. He looked Locular Ldo it he said

empty office buildings that had been convived very long Where do you live? he paked to wife and I, we've got a room with my in-

Medin caught himself just in time. He had had a sudden unbearably

Chartch did not make the mestake of polihad been sold by the galloons intaken and the lack of rotes. Do you bear from her much?" Church

The monosyllable finally stopped

wiped raked of preference it was now longer in silance then glancing at the glock. Merlin saw that it was almost noon. jurned away from the desk. Merin pumped I haven't gotten anything all morning here either said Church "Do you mind if I

Church blinked Yes? You do mind?" Oh Church let back Wertin turned and went past him and out the door into He walked back the way he had corse

Center On the way he stopped at a dis-Almsbury Park, where he apped open the public fourtain. The out flakes under their

it was nearly one project. He were on to

screen. Mr Ghosh will see you Just a low

Titl sure you will she arrided at tern. She armely. There's one just outside to your

He went out through the glass door and

beland hits. He turned to see Church I hope you don't mind * Church sed *!

stimed in Medin. Church was no helplans.

All right seed Mertin But don't have around here. Was for me outside and i'll tell you about it when I leave Thanks said Church looking up at

I'm not doing anything special for you said Mariin. He went back into the officer.

deek and told the clerk he was checking Hunry! Mr. Ghosh is waning for you her deak and found his way to the open doorway of a wide room, brightly lit by a

value of which would have given Merlin 1said the nemeplate on his deak But his

Mr Swerson? St down please. Ram Ghosh's English was almost accentless. with only a slight prolongation of the you-

pagers on his desk with the natiof an index Six months "he said. You've wared a long time for a job offer from us Lots of mencole wast lorger. Merke and Yes The said. He became more brisk Well the matter of Isaratius that you now

have an offer Your education was in rull-

Medic knew his bitterness was showing. He might already have prejudiced the interview but the words had come by them-

"Very true " he said nedding." But you cant blame off-Far is natellations and fac-

As many thought Mortin as want to enter "No expension " Ghosh want on " Well the fact you don't ran't a complete tramer I can offer you allob in your specialty But I bon concerned with a sa a matter of sec-

glow of hope so powerful that he feased it Of course "he said slowly and clumply

Professional confidentially I under Good " said Ghosh oming again "All right. The job will be in the metals forming accept the job. But it's within your ability. and education, and you'd be paid at grang



Clear monsters leaten up! We're ramang over budget

specially and experience . The Mering mind resied. The payrate Chosh was taking about would make him comforfably well off in any other society in the world. Here in the U.S. it would make him. wealthy by companion with those at the income level at which he had been living for

I should say, that's what your pay rate paid at a standby rate of half your space-

You'll report to the training center in Huntsville, Utah "Ghosh said. The recepmaken, transportation youthers and the red He coughed "If you could use an yes. Mertin seed. He had been to overwhelmed by good fortune that he had cent crottes, luggage, a dozen other

longer owned Thank your said Merin I don't know

Not at all "Ghosh smiled. "Imput admit I Tm alrest not Merin seed quackly The hard years had taught him not to recom-

When he got to the training camp at They shock hands and Merkin went out With the advance check and other mater he headated his mand whithing unstake to

Tigot the Job." said Media

look on his face-one of incredulity and And it was a look that touched Mertin's happeness, he saw himself standing where other must be feeling. Impulsively ha

Church nodded his face suddenly wary Go in there night now said Mertin. You secretary you heard about it at the post

you. The name of the curft is Thina-Scoope Electronics. Remember you didn't hear about it from me some unknown language. Then his eyes opened wide. He soun on his heel, san to

Mortin departed, clutching his check the evening fight to Self Liske City. He

being so poor for so long, he found he

dask sat a dark-skinned man. But his eyes were not

unkind and he did not exhibit the condescension and vmnatience with Americans that

so many foreigners showed these days... 9

closed for the day and only the thought of

segregated by sax, even those husbandhe learned nothing. With his lest call he hot water was available day and right Soap and towels were provided. Although

tension of newcomers like himself, he was unable to resist the luxury of immediately sceking himself in the shower He was stepping out of the shower when he saw a familiar-looking man standing at one of the washbasins. He circled to be a

Yes I made #F he said They shock

Tidelet I see you at any of the processing sessions. Merin said wrapping a towell

I had some special interviews" said all cadre would be previous employees

But how did you get picked for that?"

How pould 19 I haven't ever been in space Well mether have I of course But it then you aust tell them you defint untiler

stand the onganic quantion or blame it on "It gould still catch up with you" Mertin

was almost airy. Well Two gotto sun. One of the advantages of being considered like instead of standing in line like the rest of He watched the other man go Later

Church's in caucht up with him it was at hodeup Long-distance phone charges He got to a phone at last and cafed

co-another indulgence that would have been modestife two days before but his eigneering disgue. But here might be other wisk opening on the specie factory. Ben't first did not pair out his own saley would be enough to miso it is easier for her and once it year he would be getting finded by the sale for the sale for

On Julio Marini. Church said Joolean Up. Come in and shut the doc Weep just consequency rates on the shushed here. He introduced Marini to the other was a middle-apped slightly overveight man instead Strinier froad with the pascel size of a beast incured and a blond young semi-apped with specific size of a beast incured and a blond young semi-apped on the size of the size of

conner of Church's bed and retained.
Oh it is a coam. "Church was soying."
The idea is not eo much to set up it factory station in orbit as to get their share of the other share of the church saying the coam."
But I said Shoter the U.N. dissent fund.

private corporations or position - said This will be private corporation - said Church. It's a consortium of corporations with federal backing. As that of course is said can't get U.N. Tancis extention but the federal povernment can, and then make backs of its own weighted to the conserv-

hards of its own weisible to the contentum."

But that's a great thing set it?" said Burnish "It could be the beginning of a retironal space-based industry after all the country a to a disperiment of a retironal space-based mutation and the paper based industry if we dishead yet a disperiment that pushed one—if the government had pushed one whom they shaded we learnly warms.

ingo - we could be in a position to complise rowedsys. But we te not. We dispiped out - said System. Now

gaves
The poor is that the U.S. but the crights where that made is what it was Church and Andia and Andia and of the bedded creatings is wouldn't asset their wise is that status in wordshift asset their wise is that status in or observed and got to be a gualation to body could get out of You're right; you know and on these this chaps to get back with the specie garren and we never set.

Into the space game—and we never will Dut golden age is gone! Men'n got up 14 had haard at this soo dhin likes as dhaw buillehad no control such large concerns now. Life was lying in the bissed gamey of his cubics and a drawn about One being from by the facility agency and of their being tagether agen.

Sony 'he said to Church, 'I can't keep my eyes open Noot time...'
He incoded to the other tiec as he stepped to the door of Church's cubicle.'
Glad to have met you he said, and a mothert tiere he was out on the bestschool floor heading for his own cubicle and

The first lew weeks were filled with closes and having. He board himsung penglio bed exhausted every right his old not fissed Chartch, so it was sweething of a chock when he was need in the central admirentees to building its see him there. Closes of the seed of the see

sgamal his wages to pay the detective agency :

"Church!" he sect as the other walked habily by him in the corridor "Sem Church!"

Chuschi Chuschi coked around and sew him. Ho come over to shake hands in "Merint" he said "How re you doing? I he maint to get down to the beneatke and look.

on planning
"bu did make cadre, then?" said Menn
"Good for you?"
Thenks," eard Church. He (owered his
voice and looked around, but the cember

 The point is that the U.S. lost the ongonal virtues that made it what it was," Church said "And like an

old, fat-belied ex-athlete, if wouldn't exert itself while a bad situation ran downthil. * •

was momentarily described. Thesity was portigate the new of the properties of the p

warm you. "Ne?" Methi loughed. "I don't know any ogtators." "Of coarse not I don other Athers actually see any. That is why I was going to warm you threating atoms like this are under pressure. There we got to produce negative to work."

on some of those assessment in my outside.

Ditton," used Wellin said Church, "as any rate you know how harmines they were I we always to the you know how harmines they were I we always you did not have a manter you mether work to say you didn't know anything about them. Anything about the Merkin stored at Charol. He had not Merkin stored at Charol. He had not

bode, and he felt embersassed at not giving Church mole could in a way this warn ingregard the fasce Merinhist does almoy putting him on the track soward patting his gib. It testified to an awarness of otigation in Church that Merin had not depected.

He got the contingency payment ap-

He got the contingency payment approved and slood in line at the phones to tell the datactive agency. Fine line! The voice of the woman at the

With this payment against exponses we should find her this week."

Splanded, "seed Medin." You'll call me?

We show as we we get something to re-

As soon as we we get something to no if Now Mr Swenson it was explained to so that you payment in full would have to our our hands before we released any ed intermotion?"

Off course I said Menter Tive almostic

alsoft only amployer have, and therefilde to professing an advance for the less they paid want to be cuse the really found as and they work have to turn accurat and were mainstant advance for and week.

Good We libe calling you this week Millerance.

He went block to the baseacks, his mind.

The well back to the casescious has mind for of Ohia and her apparent seven she would learn who had happened to her the had completely incomplete about was called out of dispose the orders to report was called out of dispose the orders to report was called out of dispose the orders to report as called out of dispose the orders to report to Conference Basis 460 turned can be a second of swarp perhaps autoes people be a special second with a four place pattern of swarp perhaps autoes people but when Metrin subspect in the ority ones there were all blook to be seen up as well a second of South the same up as well.

table
To a set have. Mr Sweenson a said the
woman She pointed to the trint chair on the
long sade of the table, all her right. He
obeyed
"Yeav asked the women glancing at a

presently in your betrocks. W. Swerson was their step you know before you carried the season of the

The woman looked again at her persous to far the man had seed nothing. It is coursed to Merin mat her psychological profile they had worked up on him might have indicated that he was more likely to trust in woman.

woman

"Do you know a Stotler Freed or a Bill
Sumash. Wi-Swanson?"

If forsk they re in the barracks

This Fead and Sumash." the woman

said. These you ever noticed them talking together or attempting to gather others in

Have either of them over tried to talk to "No said Merkn Not that I can re-

"I'm afraid" said Merkin "Two bean an

busy with the trening courses I haven't Yes or no to the question I asked. Mr

"Definitely no saud Median "Thiseshit med

But you ditell us if you did, wouldn't you (also thought Merin grimly 1 d cry dance

brued to at. With eyes pouched in tirely But no call came. On the Thursday after memo in his minimage box that asked him

At the Center he was directed to the open with two security guards standing

With his pen passed in his hand. Men'n 1, Mertin James Bwenson, acknowledge

Tilige easy live said

Just your account to date. We need a

All note: said Merin

I just hand it to you that s all said the

clork. He turned and walked out of sight Mertin stared at the second paper

As of the passent date . The lines blurred

· He was facing one of the aray-uniformed security quards. The other quard

was holding Medin's arms in a painful backlock. had already becam in the socket

of each shoulder 9

Come back hare!" Merlin shouted through the window-and found himself ward the small of his back and his whole

You subvects are all allos! said the se-Well would lived and you're leaven. How

Good, said the cuard. He modest, and

building but him in a gleaming white car bearing the Trans Space emblem on its

Who we you got there. Gus?" called the and his pohort walked a small distance of

Merin turned its back and stated out

'Merkin over here' now padiocked. Merin glanoud at the he saw Sam Church's face looking be-

noos as even top if bees an If don't know what a happened. They is

You can't of course - Church began

erong and for it pan't you? Sam cont. means? I'm not set this plo. What out!!

say I wan a subvert? Eve got to get it

'And something else-accretting else won't be hard. Not for you. You know that detective appropriate had huntered my write? up with a pen and a piece of paper He

tween the vertical pipes into Church's "It is ensuring you to phone out. Call them

"I snow!" he burst out "You remember

That stays market in Manneapolis, where you

"All right" Sam Church looked at him

"And another thing you can do for the

All right Swensori' should one of the There's no more time. Merlin." Church

Marks took it automatically. The pusing "I'm sorry Mertin" and Church. I'm se-

The quards grabbed Merin, whisted him Company billing Jake said one of the They stood back. There were no other

closed with a preumatic hiss. The driver

chance of being anapted, or shat you on some pretest or other to save themselves

Shoes would be a critical matter once he ver he could last indefinitely. Given enough reinstated with Trans-Space is Church

help it - that he had his own wife to think of?

He woke to the fact that he had balt rean Meran satistunned, the whole patienn tak-

good fortune. How many times, he wor-

corporate people a substitute victim and

A deep wave of rage erupted in Merlin it tose crested and broke But fury was useless. Church was out of reach -- and he protect himself- and he had failed to do so He remembered in The Avadables

right he would be taking unreasonable game for the pack. Better to take his



hope for was to stay on the streets without

recognized him as a familiar face and

"Mories Merin Swerreson Ded a longrestriburas you for your trouble. Did a fong

Look man?" said the clerk locally. "No.

those easy days were gone. The best to "All coht!" said Media low-voiced "Till

pay! What's the measage - and tell ma po-You come into the office with me "said He stood up from behind his deak and

to create a small privacy space. Merlin Here you are "the clark said. His tone

thumptacked to a pork bulletin board." it out in his fingertips. Merlin snatched it. "This is no message!" said Meter "If a

"You argested more?" The clerk was But now I've got to call them long detancel said Merin. And you cleaned me "Sure you can gat collect" said the

"Don't you understand?" said Merin here if I had more than what I gave you

screen it up with the face of a young man "Yes?" he said "who's calling collect

"I'm sorry I don't have any Availables or Well then sust forget it man Posget #1"

want to talk to you! Are you Morin Byenson?" asked the young face "If you're Merkin Ne? Medin Swenson? You people must

think a lot of yourselves. Media Swenson to whoever called him, and I II decide Just a rarryte" and the face. let me

clork, and wastled of Merlin with one hand "Wat Wait sail a merula," east the other talk to Mertin Dwonson Just a minute

Marie Balsom we clost accept collect

Have you found her? The words burst Of course That's what we called you about Then we had a message to and you for you to gall us. But you were not being

accept calls from Where is she?" this agency to furnish information before it's pwd? You've got a belance outstanding of

But that a why thad to talk to you." Merkn said quickly. You see, just for the nind week



There my present rate, and the other's my rate from a provious life.

crazy mix-up in my computer records and until it's created up, they re holding up my of weeks But I have to make a decision and I need to talk to her about the night all I have paid you over thirty thousand

"Wr Swenson "Maria Balsoms voice had stepped far back from him. Are you

Yes and no. The point is Town I pay your Of course Mana Balsomis vosce came now from a different world. When you've

act what you owe us. Mr Swenson send us you the full moults of our investiganors. Don't you understand ... " Merin be

mesors from accounts collected?

Meriin shook him off. He stalked out of

humed away from The Availables office. He pred no attention to where he was como

son on it a very old man apparently asleep

on the end in surlight that was crowing

An empty hour passed flut then slowly little by little, the desire to live cook back beat. His obest still numbed, to a lew hours -- whatever else might happen -- he

roused him from healthoughts. Any day now, he thought, the sole would wear through media of heat, naked and lonely man still sitting equantly in the sunight The other looked very old and weary A Menme of puldoor living had once dark-

age and general debility had paled and under the thin mask of old skin. A white cheeks. He did not move but his chest streed slowly under his heavy official silvit its colors-like his-grayed by time

There was no answer He wast it acren Leave me be, said the other without opening his eyes

They all together it was not much but Meran's racking longingss had eased pause it was as if he were so far off that the sound of Merkins yours took name time to

Til never lind my wife row' said Merin. about it. There was no one else to tell and

landed on the pocket of the old man's checked shert it stayed there resting with You see "Merlin word on. There sinoth-

and out his lips close to the cray ear

"I say" he said loudly "there a no place to Get off the Earth," said the old man. If

Morin sot back. The artvancing our had





were able to devise and build Still they could be seen as otwous frauds when closely inspected by any humania "Only twenty-rene accounted for?" the supervisor of Defense demanded sharply ng intently through the semiransparent in formation someo helpes him into space The nearby bulk of Earth was armored in the dun-brown of detensive force fields. The

Only beenty-nine. The answer arrived on the flagship's bridge amid a sharp aputcontinued. 'And it's guite certain now that

Those was no reply All of Earth's detensive forces were still on tall west though the attack had been trry no more than an attempt at infiltration and seemed to have been thoroughly recrything that lived and the greatest danger

wa'ed A small blur lesped over Earth's dunbrown limb, burtking along on a course that would bring it within a few hundred kilometers of the supervisor's craft. This was Power Station One, a tamed black hole, in the planet drew from it half their needed energy Station One was visible to the eye

Another report was coming in "We are searching apace for the missing burserkor You had damned well better be " The infitrating energy craft had padded contemers for thirty androids, as shown by computer analysis of its debns. We must

Life and death were in the supervisor's torses. In these any possibility that the mass-Negative, Supervisor There was a strong pause. "At least we know it did not "Our time? What does that mean, bab-

bler? How could no." The Nisck hole flashed by Not maly tarned though that was a reassuring word. and humans spoiled it frequently Just hannessed more or less

Suppose-and, given the location of the akinmish, the supposition was not unlikely ... that hersevier android number dest of combat, directly at Station One. It could easily have entered the black hole concernably have survived to reemerge re-

Theory dictated that in such a case the

virtual-particle radiation

ers murderous machines themselves, reomergence must take place before the falling in. The supervisor crisioly issued on ders. At once his computers on the world below the Earth Defense Conglomorate took up the problem, giving it frighest prof-

Earth? Probably not much But to the supervisor, and to those who worked for ple of Earth's safety had been hombly promachinos eleven mirrulus

"Number thirty did go into the black hole. or Neither we not the enemy good very well have toressen such a result, but --What is the probability that the android Because of the peculiar angle at which

a proceed approximately sofy-rine per-That high 'And there is a forty-nine-percent

& He blinked away some London rain, pulled out his heavy ticking timepiece as if

he were checking the hour and stood on the pavement ... like a man waiting for a friend 9

earth in functional good from at some point measurance. As the enemy device must have been programmed for some sublin attack upon our present society it is not eff to append form ob of wide ad or view

Your skull contains a vacuum of a truly interpalactic order I will tell you and the computers when it has become possible massurance. Moonwhile, get me more fig-

ume." twenty minutes later 'There is a ninety-two-perpart chance face, it that occurred was within one hundred kilometers of fifty-one degrees always mitubes north latitude, zero degrees seven minutes west langitude

"Ninety-pinht-percent probability of January 1, 1890 Christian Era, plus or minus two standard years hole as its own tangible image in a burst of presented to the supervisor on his screen Reporamended course of action?

'And the time?

a fulf to answer that The first two volunteers perished in all lempted launchings before the method

could be improved enough to offer a reasociable chance of survival. When the third man was ready he'was called in, just belose launching, for a last private meeting The supervisor looked him up and down taking in his outlandish dress strange

harstyle and all the risk. He did not ask whether the volunteer was ready but began blumy "It has now been confirmed that whether you win or lose back there, you will never be able to return to your own time " You, ser I had assumed that would be the

Very wat. The supervisor consulted data spread before him. We are still uncontan as to suit how the enemy is armed Something subtile doubtless guitable for a saboreur on the earth of our own time-in accesion of pourse to the superhumen physical strength and speed you must expect to face. There are the scrambling or the switching mindpegms to be considered either could damage any human society. There are the patient bombs, designed to disable our defense computers by sooding them with random information These are shown possiblition of biological warters. You have your disquised medical

the chance of something new " You sir The volunteer looked as ready him opening his arms for a rhual farewall

He blinked away some London rain. pulled out his heavy licking times age as if he were chucking the hour and stood on were willing for a friend. The instrument in ton in addition to its ticking, and this special record had now teken on a character that meant the enemy machine was very near to him. It was probably within a radius of lifty meters A poster on the food of the theater read.

THE IMPROVED AUTOMATON CHESS PLAYER

"The real problem six," proclaimed one syntacted man nearby in corversation with another," is not whether a machine can be made to sen at chess, but whether & mov-No, that is not the rest problem, air, the apart from the future thought. But course way and fortunate that you can still believe t

He bought a ticket and went in, taking a seat. When a strable audience had gathered there was a short lecture by a thing predatory about him and also some thing frightened despite the glitness and The orleansed humor of his talk.
All length the cheep object itself appeared it was a desided bot with a figure second behind of, the whole ascent by whoseld out on stage by assistants. The figure was that of a fixing man in Turnerhood out on stage by assistants out of the fixed out of the fixed was the fixed with the fixed out of the fixed shape with the motion of the rolling deals, to when the chair was freed flow the agent out-of-fixed this excellent whiching his part out-of-fixed this excellent whiching is provided from the fixed was the governor of the suspect out-of-fixed flow flow of the position of the suspect out-of-fixed flow flow of the goods of the fixed flow flow of the goods of the fixed flow flow of the fixed flow of the fixe

Out even potting a hand into his pocket. The predictory man cracked another pee displayed in factors while their her among owned of his players in the audience who resed their hands—the selected one to challenge the submission. The displayer ascended to the storeston. The challenger ascended to the storeston the reserve were being set out on a board fastioned to

were being set out on a board fashind to be rolling diest, and the doors in the forci the diest, were being opened to show that there was nothing but machinery inside. The agent model that there were no candis on this diest, so there had been on that of Meater's chees player a few decades either. Mee'ze's automation had been a

cover taus. O course Candata test been placed on to so to mask freed of them ing was from the candin needed by thin man who was to cultimate the dates interest amid the dummy geen. The year in which in again that aim was was all to see who have to electric lights at least the kindures would be harmly to such in shader human to use. Add the fact that the cheep player is to see Add the fact that the cheep player is popponer was allowed to aim und indeed that Masteria had wer been, and it busines a porthy tadd education than to came a porthy tadd education than to place.

box and hguile on this stage.
Therefore.
The signal might, if he stood up in the austrace, get a clear shot at 6 ngh; now 84 strought has an at the nguyer or the box? And he could not be sure how it was armed. And who would skips if the trained and failed? Afterdy it had bearined enough to purvive.

Alleady in had learned enough to survivo in interesent contruey. London: Probably it had already killed to further had alsagna under new management? indiced. No now that he had located his enomy, he must plain theroughly and work pathanty. Deep in thought, he left the theater amid.

supering into the black hole had one the some equipment including most of his counteither manay. There had not been fine as yet for his adopted profession to bring him much income so the was by the time.

He must plan. Suppose now that he were to approach the fightened little min evening cless. By now that one ought to have begun to understand what land or a tiger he was eding. The agent rieight approach him in the guise of—
A sudden liter too or to the control of the control

out of Oaksoft Street to Baker Steet and stowed to a last walk for the sout destracts namening. He could not throw away the collate weath for the world be unable to track the areany without it. But nowher data he date roam to on the pareau. The southern street is not to be a series of the southern street and the southern street to be southern street and southern street, and promised and southern street and outtain southern street and outtake to the southern street and outtain street and out-

agent's worth pooled. It was a signal guide

managed to detect his detector it was in

apent's face as he began to run. It must

the crowd. Avaiding horse drawn cabs.

Sweat mangled with the drizzle on the

Tage them on shalves.

I say the agent legan, in mengled relet and upperly, according rather important has come up, and third there are two enable in most a more than understate at once light impose one of them on you?

The agent is own bins erroral look remote larther shan just across the street. There in

moved when these minutes less there again sometimes the second of forms and second of food district a list figure that the second common of the second of food and se

After a morrant's quasiconing force the landidely the liquitie was admitted. The agent wieled for his morrane. Then he diwn a deep breath gathered up his courage and wert attent. The thing standing alone at a window timed to hope him as he entered the sitting timed to hope him as he entered the sitting.

com and now he was sure of what I was.
The eyes above the bandinged lower late of the cut of the cu

the desk where he had locked up the walch, the drek or whoch earns propers bearing his roommade's name were scultered. He sould althomocent in syou see but we can serpect him presently I sake it you nis a patient. The thing seed in na wrong vices. These

The thing said in na word years. These been selented to him it seems the doctor and inhale a certain common tackground. The elect in the electronic state of the west in here. I thus my presence is no incorrented.

Not in the least Pray take a see: Mr.—7. What in some the horsefeer moth them.

given the agent next learned. The bas sounded below suppering convenience the heard the servair get arrowers the heard the servair get arrowers to the control of the stars. The death matrix took a small object feet as power and sociologope o life to get a cher view post the agent rowers the door the reservair and with the casked purpose of greating the manabout to earth the agent rower.

function too. Then he barried his head and tred the pipe at the bersenfer from under his own left armer!

For a human being he was uncarriely field and for bersenfer the andford was meanly slow and clumay being designed primerly for invision not dueling. They weapons image red at the unare instant.

enerty bissis shattenrigh cowerful bis cerressish mend in space self-derigning and almost stern too Staggering his shatten with his old clast though just what his with his old clast though just what weapon the enerty had clast red—the weapon the enerty had clast red—the weapon the one his his object to a monard had could no longer trans and I he was drift had could no longer trans and I he was drift as posterior of the property of the angle posterior of the property of the

he shaaly podeled his pole. The sures's body of his energy was almost vaporated already it must here been out to self-control where diversigned here of the self-control where diversigned here is shall be already it must here been been to self-control where the self-control where here is self-control where the self-contr

a joilest thought because with it came downwarmon of the rate of his outcose. These quaters of his received at least, we good the support pather of his brain-cuil possible support pather of his brain-cuil The switching medibears would have responded the pather of his neurons screenface faither down its pathers of New behind those gay yeek with their every predictaring gaze.

witch was a ruse. "His committee is some was suitable to crosses most assist and han it had been 7450. I passowe that your deal has just been brokenists by conscrie who frought it mine. The tone softlined somewrist. "Dose man I bear you not let it four secret. I honorable shall be self allout is plain that you are not what you have represented yoursel to be."

sindy half trying desperalely to think

How—how do you know?

"Bementary! the fall man snapped DO

THE ROCKS THAT MOVED

Who would believe that the rocks not only moved but had a goal in mind?

BY JOHN KEEFAUVER

hen od klisty Necon come into team that first who would likelin that readbouldeds—were mong around on their own on in the scrott, prodody of course, believed in world of it. Everybody know Kirby was a little furny in the head. But, as it furned out, it want? in tog belon the whole doubt when the world in the course for the scrott of the course for the scrott of the the scrott of the scrott of the scrott of the the the scrott of the sc

Inwr was talking spout those mowing rocks. That first day though, Kirby couldn't even out anybody into her old pickup to take out to where he said-tragging about it-they were moving He was proud of those samplified he knew they were going to do all glong -- not that held actually seen them move. He was very careful to say that he'd only soon that they had moved from one glace to another as if wo'd be more had happened, he claimed. He said he could tell they'd changed positions because held marked some of the spoke with a chalk and then walked off the distance to where he'd driven a stick in the ground. When he checked the rocks a few days afterward, they'd moved He showed how he'd done 6, page

he showed now he down it, once the heality got Burit Koloszies and Fred Knots out there after they'd got sted of lettering to the every time he came into town. Kirby know that if Burit and Fred said those cooks were moving, every foody; by God, would know they were. Problem with Burit and Fred,

PAINTING BY DE ES SCHWERTBERGER seen where the rocks had been before and so them was no way they could maily tell if that Kirby had put on them, and they saw erybody knew would be the case in this part of Texas Others wasn't any hel for the rocks to roll down that in), and they saw of course how buy the rocks were, each of them weighing at least a few hundred pounds. But what they couldn't see were which want unusual though seeing as rained the day before this being the rainy

though, to do their own marking with the chair-wating their inflats on the rocksand walleng off the distance to the stack he'd put in the ground. He had them dig couldn't be accused of moving it on them. from he said held barg them on back to postions. They did all this and said they'd corne báck máyba to humor fem, mayba not Maybe because they were just currous. way convincing when he was tallying about his communing with Nature ' as he calls it that old fürby thought the rocks were moving because Nature was fed up with being termonard with by men and their atom and that she was showno her anger by

were moving or not was secondary to the fact that the rocks were there in the first place, which was actually the biopest part arryway Ordinarry in this part of the country dozen or so grouped together All you'd see were meagure and cactus and maybe February when 6 rained, and with the wind ing steyed still unless it was hed down inot

back to the place - it was about there or so nowhere—the next time Ketry told frem the rocks had moved. Kirby lived someplace shack was He dign't want any waters inferlering with his communing with Lady Na-

old Kirby came into town and told the two of

out there Burt and Fred west, along with some others and as Burt was to say the moved-one of them in facil about two hundred feet, and it must have weighed close to twe bundled pounds. And this time ders had made because there had been in rain so heavy before the rocks had moved. enough to blow away the tracks-any tracks. Tire tracks of Kirby's rock-pushing

cal jokers doing the pushing. Because you Kirby good have pushed by harried by hand, in fact, as old and scrawny as Kirby was, he could hardly push a mertile not gider he got ... In other words the only There were about a dozen of them, all weighing info the hundreds of pounds, and

 ○ Old Kirby thought the rocks were moving because Nature was fed up with being tampered with by men and their

atom bombs and going to the some peologists at the center. moon and all that, and that she was showng her anger by Baxing her rocky muscles. *

they had all moved Well, now, when Burt and Fred got back to town and sold it around that rocks were ferent reaction from old Kirby's letting it, you kids, either People believed them and most everybody warted to see for them

heard how most everybody was planning to go gut and see his moving rocks in the morrang, he got mad. Leave them rocks body's gorna get hurt out there if you Some, making light of it, asked him if he thought the rocks would sump on them. He out madder at that "If you don't wint no body there why dyou tell us about \$7. Suil Webacher asked him (She's been the

three years ago of gout) Because I dign't know then what I know now!" Nittoy solid, getting even meddar

What's that? But Kirby wasn't saying. He jumped into he battered pickup and bounced out of

It wasn't long before Ed Furrow who runs a weekly paper over in Giroy game nosing bons and trying to find Kirby in town. Kirby wasn't to be tound though So Ed and Burt me went on out to the moving-rocks place did and being of a suspicious nature anyway didn't believe that the rocks had Kirby but Kirby wasn't to be seen there. ether and of course. We I say notody

So the next issue of Ed's paper had a front-page picture story about "Moving Rocks Puzzle Progresso which is the name of our fown, not that there's any progress going on, in my opinion. All of it was written up in a tongue-in-chesik way and that was from it was frequed, too, a day or so later in the Houston paper, which had sent a reporter and photographer to the place after they read the story in Ed's paper I guess That in turn, led to a geologist driving out from the space center there in a few days. propering just after we'd started bringing

The paninger dign't below it other as you might magine—at first, anyway that he del disciste to do his own tests. He made his own markings on the rocks-- chapped the boulders- and measured their defence from each other and then took some proing gadget he had and then said they were unless you used some big mechanical

mover, which would give itself away by least ing up the land back, and maybe we wouldn't have known place. He didn't trink he could find it himself. When he and Fired and some others This evering Kirby came on 100 town. got there, including me, you could tell right hundreds of feet. And somebody most likely Kirby everybody Trought, had tried to

open up the chipped out markings the geologist had made by stapping some coment on the scara. Kirby skil wasn't to be seen, though. Nobody had seen him in fact since the day held shown Burt and Fred the rocks, which wasn't unusual, con-Well this geologist measured the distence the rocks had moved and looked at a

lations and used more gadgets. When he had tireshed, he told us that the wind was here pivity strong," he said after saying that the tricks were actually in a dry take bed so shallowers (dissure know a We had When the surface cets wet from run, the ground gets extremely slick, and when conditions are just note, movement oc-

Well, some believed him and some dich't, and, as you'd expect among those

moving the rocks "Whole furnel through

Just as everybody was getting into cars gunning up in his beet-up pickup. He stopped and started yelling and quesing NASA sign on the side of the geologist's brand-new white truck

Get the goddamn hell out of hare!" he fards can lear up the moon and Mars and ain't supposed to be, but you leave these

'But sit' the peologist said, turning bothered these rocks. We hiven't moved Word and rain? old Kirthy market. Wind ma into the sky. Nature! God!

have shot the man right there. As it was, he body one out of there fast. When we looked back, he sure arough had his old rifle in

I furned out. But we did see that the rocks moved most every time 4 rained (we seen was blowing hard, just like the geologist

rection the wind was blowing. Still it was herd for us to believe that wood and can But, srike Kety we never thought God

was dono fi We began to wonder though as time and saw that the rocks had moved a lot more than they ever hed before. Although there was a wind it wasn't a narroulary strong wind. It had rained just before frough. This happened more than once More and more we'd go out there end dis-

heliuva distance with hardy any wind. Fifor at least a week and the wind hadn't arrounted to a dame thing. And this was the biggest rock-a monster, big-enough to knock down a house. You knew that rock

distance in such a short time, and I say short time because it just so happened that I saw the movement the boulders had Also, it seemed that the rocks-all of

them-were getting begger OI course I thought this was my eyes or imagration But when I got Burt and Fred to go out there with me in a low days, they thought the

Another thang. There were more rocks moving now. We were positive of that behad just appeared out of nowhere, it looked

Then the strangestiting of all happened We went out there one day after aid boon

on them-hundreds of houlders, maybe thousands

with more comma from either side all the time. bearing in the same direction.

straight toward Progreso! .

three quarters of a mile, we were sure of tracks weren't blown over by sand, esgeciefy these made by the bay rocks, and deed that there didn't have to be any rainsoftened around to show them up. Rig. deep grooves! But what I'm getting at is this. All the

rocks had changed direction. They were they had been for morths-against the When we phoned the geologist at the apace center he said he'd meet us et the site the following day

meet the man, the rooks were pone. Not a single one envelope. They hadn't been gone long, though, because we could still see their tracks leading off in the dry soil and there was a very stiff and that day The rocks were heading right into it

We got in Burt's four-wheel-drive and started after them. We tigured the boulders had gone maybe suit out of our sight, and

and the rocks easily enough by following any rocks and Burt started giving the truck more cas until we were comp along at a roof because of course we weren I follow

no any road. It was all description for miles beyond A good len or fifteen marutes lot more. New ones came in from either side. Then we becan to hear e strange sound at about the same time we saw what appeared to be a cloud of dust shead. As getting louder-a rumbling a crashing he ground began to shake

In less than a minute we saw them, or at the truck even more gas, we could see more of the dozens of boulders making up though we were now traveling at about forty miles an hour we were just barely gazzing on them-hundreds of boulders, maybe thousands: with more coming from either side all the time, all monsters, all heading in

straight toward Propresol Burt' who was driving, must have thought the same thing I did at the same time, because as I yelled. "Let's get on the road? he had already started to whip the pickup to the left toward the road into Procreen, the spea being that we might reach

warreng But even before we were halfway to the road, we could see that the rocks dry for a long time-we were getting into were over the highway and beyond in fier as March now The rocks-there were now And then a homble thought made me bearing down on us, huge, reming night for

turn right and speed up He did. But now the rocks ahead of us were rolling foster lenving us, while the ones behind were geining. In minutes we would be crushed flatter then a couple of Then, as if on command, the direction of

the boulders changed, both those in front of us and those beford. They begen to split some to the cohe, some to the left April I reelized what was heppening. They were going around Progress, and in the propess he town was saved because the rocks had a

different purpose in mind. On the far side of Progreso though they ponverned (we would learn), and without ever changing direction again they headed directly, ever faster and growing more mon-

ter in Houston DO

THE VACUUM-PACKED PICNIC

BY RICK GAUGER

A site approached my matter some the cardy consistent may be consistent may be consulted may be compared to the cardy and the ca

"Neith My frends dall me..."
"Pancho Right?"
"Right I hope you's one of my frends. I said, my fleurist is said, my fleurist based who have deep right of the Pidewick had it seemed to be multial. She studed me sensedly while har less assumed to be multial.

I said "Surely we've never met below. I know i'm pretty absert-eminded but "Your thrend Anurs Petman told me about you. I met him on the polar sky station. He lithought is knould look you up.

PAINTING BY LUDEK PESEK

when I got to West Limb. He said you would probably offer to likeer me amused. You were lighty recommended." "Old Arunis! Damn! How is he?" "He's fine. He said ! should ask you whether world like to the control of the ho

"He's, fire: He said! I should ask you whether you real skeeping he CO, high in your spacecraft Me-support system, instead of doing the regulation average costs, the why you re supposed to.

Down again! How could be known to that? If be has trying to wain mit that the agency is monitoring my life-support system again. Jappron site het. Plants, Cape.

that? It bet he is trying to warn me that the agency is moretoning my like support system again. I appreciate that Thanks, Capitan et "Crambita" i profer Stady, however."
After a passes the staked. "Well are you?" Not anymore I don't want to be grounded again. I'll do my exercises like is

begins its prelight countdown formerow right.

An opening big enough to chive a truck into 1 had to think of something, inmediately, that seculd oppraise her imaginanon. She facked an emart strand of glossy black has into her dispon is any medi-

black has into her chighton as my mend reced. A planic How would you like to go on a power? With me,?! asud: butting out the first stocy that came into my mind. "If you like I's ake you to one of my favories spoke it a not tar, and a short walk from the base." Her readfrom was eventurion closed them.

open in the "You is ladding an certification of the "You is ladding an certification".

Let be a support the distance of the more than one of the more warrantee we have certificated in the more than one of the more than one of the more than the support were the halls, some new color colors. Purifice these of this more than it is not provided that the support of th

proceedly boo tred ingliff.
Her excerned showed on her face. Her eyes began to heridde. "Oh not I wouldn't mas this for eighthing?" she exclaimed. A pointe onthe moon? That's fairfasto! shuns was right about you. Pancho!".
Aw, "I mambled: standing up and giv.

was the states you remained up and growing her my boying orn'. Just like or all to me. Meet me at Hater, Seven-Cheren-aryone can led to us what et is a sail for hours former with the sail from the sail for the sail for hours former one. Put on you'vecturn out the care of the rest if have to middle and bring a lively charged becapit for my charge and the sail for the sail from the sail

comdor. Male residents of the base who happened to be in the ready point watched at this enviously. They didn't see the grinsce that appeared on my face as soon as I was not of sight. I had really umped to be with both less that the Well, the business I basel baseled her.

dd about a pichic waart one-huidredpoment belorey. No one had over reelly boen on a pichic or he moon berkes the Weet Limb infalliciasi eller (my pals and i) had been discussing the idea for in quite a while. We regarded our project sea in rebit pomeanns effort, in espanistion of

noble pomiestry effort, in espatistical to but man acquatities of the capical environment. but marriy as a way to get from pursely with our limit of collections of the bute of which our limit of the bute of the capital to the cap

in a note the diseasement among us, immersion of assistant were resulty batternisms. Wide the permanent residents were arrangement on more being about out of a sway from one architecture of the orthonic diseasement of the orth

sained which press on the loner surface arrayer West Limb could be inhabited by a surface man—and a woman—for a reasonable lot largeth of time in a standard vectorism survest fant. Of course, the idea was so colour a commonable share-develor-less is habited.

what's inside those emergency bases you see everywhere on the moon. Buggies have to carry one per passenger, so do the rocket hospers. You've undoubtedly got several areast ones under the bod in your hoster from Bob prospectors and other outdoor workers see them regularly when they carry get to any other phissistrated shafter. They clamb into a tent, exalt the opening, and infrinted a felt filter relief her.

Shollar. They clamb into a tent, seek the opening, and inhabate k with their release air. The tents blow up into a transparent plastic dome. Once the dome is pressured you can take off your vacuum aut and relied a bit. The into amorts say they're for leake, whether you get one or have to take one whether you get one or have to take one.

Anyway, the most impostant element of my femide analyses was the temperature mide the leaf. Suranhare was everything anytice assaurable has also the description coming through the place assaurable and both and properties of the properties of Conference of Conference and Conference of Conference

The computer is my finished softice, properly (and slegally) stoked, coughed up a number of map overlays, one for each sampler day in the lunar month, showing whose such steemight be looked for in the

area around West Limb III was a brilliant peace of applied septrocomy. Their inferrom my nockel happen was scheduled to hould a load of hange-over orbgineers back to Peter Sele I from their monthly series at Committe, and we had to make a bit of bodilings, they larry continumans a bit of bodilings, they larry continumans is been them to be obtained out of the well-larry broader and, I command the well-larry broader and, I command the

weed Linn receipt son, I continged the count about 59 questing time, I had selected a comment of the base, a size event of the count of the base, I all sevend so. The ringit I cashed in on the accumulation of the countries I get the reset day of and a few manufactures of the countries of the co

Priech cread with read butter immorbacant two botters of Booky Yereyedid ivi goe. West Limb may have boen a real stylin Toes days by the pigs ate and darsh west. The cafeteria manager had heard comics. He diese me into a corner of the bioten botter of any of the bioten and and "Butter?" he said confidentially, what are you up to? Immain, seality?"

In meade my escape which is easy or more houng at me if desert do to entegorize the cefetenax manager, or to tell from anything either I ward to lose daily that or many Lucky for me it was my sum in the shower.

Stacy Crambid was waiting for me at the heads when I act there at the haste. All the

Saky Crambill was writing for me or the chatch when I got three of ten house. All the university arrand and plotting. I had done had served a little sortid to me. I gliess But the way sho looked standing fines cool and amused. In her fallor-made, tucnoscert-pink gliot's vocuum suit, made of my comedicine clear up notifi lives.

"Everything set? she asked
Not guite yet." I seed putting my load of
yoursel tents, blankets, and the Good case
into the antock. For once there wasn't anyonce the condomnear the halo I held her
by the gims and draw har close to me.
I'm setting your suit radio on my prestechannel." Load. She locked or my later ask

closed the lends on her chest module. A delicate perfure rose from her coller ring. You have nice eyes—she said. "Now you're blushing." "Noncense After you." We stepped into the airlock and work

through the sea of the sull-checkout procedure. I locked us through to the cutsests. The sen was gaining in the west. The statutures scattered on the surface extended inky shadows across the ruffled potentiated ground. As we walled Staby shelmet swiveled. She was taking in the torn-up ground, the ginting litter of aluminum scraps and shards the awkward

"If a not very pretty," I said The human race takes its mess with a everywhere it goes" she said

Besides, it a not all the firs. This is a little one has ever set foot. Give it a change." I Okay," she said, looking at me. I couldn't see her face through her mirrored

sun visor, but I felt her squeeze my hand hiked out of year over the first nage north of the base. There were undoubtedly to fundred people peeking at us from the windows of the base buildings. I was kin-

other was write with green and orange Stripes and the words FLERZAS AAMADAS DE boulder-shown slopes of Hevelue Crater overlooking the flat Occarus to our note I the tallest boulders reflected a lot of sunblackbody thermometer registered in the

middle teens. The map supplied by my computer-pushing pal was proving remerkably reliable You know it's not set all gray black. and white. Many send. I can see all lengts. Most people can't see those things until they've been on the moon for a year or more Most don't care. There's a lot of

the eye the way a does back on Earth God have to have some falent and sensitivity." I

Stacy was having a good time in the lowgravity, bounding around my set I went

"Look at that," she said. "That dust setlot of hours in space, builties is the hist time.

"Not mally." I provered. "I never snally ing new things to look at "I stopped sud-As she bent over. I pointed out a circular pattern in the chall in the center of the

drawn them in the dust with a fine recide. dime. There were also concernic arcs in

the pattern I had discovered I call them dust flowers." I said "Don't touch it. (If fall apart if you do. A hand of

the micrometeorite struck, and the pattern traveling in the dust. My friend says they can form only on this kind of fine-dust surface. He's writing a paper about 6.

I frime they're dust flowers. We'll proba-Osrefully " Lef's keep our eyes open

We started off some passing among shartered heaps of rocks and skirting

Stacy said "You know, it seems out to on the ground around here. I thought the

differentiated - no wind or water to sort it out into particles of varying sizes, and so

following the rules

There exist "I said "Sometrack's not We marched along in silence. I kept lookAfter a white Stacy and I emerged, so to apeak from a forest of boulders with a clearing. The spene was extraordinary reover the flatjands. A nearly full Earth hung Sincy was superimpressed She ust

stood there and said. Glonous Gionous II really is " She turned to me. No one olse Con't see any footprints do you? I wi been saving it for someone special

Let's get out of these suits and have some lanch "Least. "I'm staneng

round, surrounded by a complicated, florpressing their door gaskets together. The

I held up the entrance of one of the tents



These funding cultimoks have been murder on our simulator training progra

it Crouching on my knoes. I carefully seeled the two tents together That looks airtight," I said "Lef's see what happens when liet the sur out of one of have to call d off and go back to the base That would be membable, 'Stacy said. poking me playfully in the backside cosned the valve on the air bottle. The techs arrest like living things, then bei-

locned into a pair of dome shapes It's like being inside a waterbed mat tryss " Stacy remarked 'Or two julylish lessing ' I answered. watching the other tent through the trans-Stacy began to spread the blankets on the tert floor. Why did we being two bents?"

For storage. When we take our suits off (The like having two extra people in here So long as they don't want any lunch Did you notice what's happening to the blankets? she asked, holding up a propert-off handful. Lock tillen vacuum and surright even't good for wool They were petting protty worn out any-

Howe the inflation going?" she said Looks disy so fat." I arrewered The two come rigid. The air temperature had leveled off at twenty-free degrees contisheety of an alone two handred thenson milibars

Can we take of our soits row?" Let me go first. I said Cautiously I ro speed the lockeng and on my will colle-Notived hangemed So Legrowed my hetcheeks I could feel the sheery warmth of

its great? I said discorrecting my backpack hoses Scon we were both shucking ourselves out of our viscuum In her long others, Stacy looked like a tax-free million. She serroved her inner gioves and socks and set, twidding her toes at me and smang. I gathered up our suits, beimets, and boots and passed them other tent. That made enough from in our

my hardmark with up and showed Stacy's through the doorway into the other tent with "All rights," I said unlatching the food centainer. "tuncheon is served at noon. under the stars. We have phicken, cold. matoes, and chilis Have a class of this good soné my dear Captein Crambiti | poured some wine into our glasses. Then I

dished up big platefuls of everything. We lay down together on the blankets, resting our backs on my backback. Pancho this is delicious. Stacy mumoled through a mouth's of Porkner's warm 'Yep. My compliments to Cooker and

I'm so glied he's not here now." I licked After two hours I was feeled pleasantly tight around the middle. Stacy was pouring retils for us from our second bottle. The amosphere in the tent was trooped. The brilliant earth, blazing cobell furquoise. and white shore down on us. We lay hips

touching. Stacy a head on my shoulder I saised my glass to the home-clared looking at us right now. Here's looking at them." My speech was only a liffle slurred. They can't see us." Stacy whispered. forship har wine. We're in the new moon phase right now I turned to her and said "Well here's

looking at you, anyway," and, what the hell, I keeped her on the mouth. She kessed me beck clutching at my neck Well, I never kiss and tell, but I will say that Stacy and I peeled each other out of and our long johns into the other tent with the other stuff. Intraved from the ground naked bodies, but if was nothing compered to the glow that was in the lent al-

Stacy agreed herself on the plankets and Now you're not going to believe thre, but I hesitated at this point. I was, after all, an old space hand, and the open doorway lead-There was no reason to worry about it, but open hatches of any kind hover in my

Don't go away." I said, resig to my knees. I found the tent's door, a flat disk of floorbin transparent plants, indeed up in it corner I unscilled if and pressed its gasket "Well I shouldn't have pressured you Now I can give you the afternion you deserve, "I seed, and I embraced her Stocy snuggled in my arms and gave me a kes. I really was erecying every moment of this

While Stacy was ficking the lobes of my ears, we were interrupted by a strange noise. It sounded like a sudden release of steem. The total silence of the lungs mounduring the afternoon, and this uncarrier sound made us leap of the floor. There was with it, hope for respue and herve a good. disentangled our arms and legs. I prouphed the appreciate alley cat, glaring

noticed Stacy was manny google-eyed at "Holy Mother of God." I morned The other test, the one with our staff in & had ar had escaped, and now the other tent

was hing collapsed over our suits our helmets our boots our underwest the food container. Stacy's backpack, the dirty. distres. All of it was out these in the clean. fresh vacuum i hart been takenn about. We-

were left buck naked in the tent, with nothing but the blankets and my backpack Wel." she finally said in a small voice. There was only one reason we weren't already deed of explosive decompression my vacuum suk and helmet less than a little red tag was sticking out of the airregulator competenent. For some reason

of the tent I studied Stacy's backpack A the safety on her air bottle had blown, allowing the bottle to vent freely in the scaled storage tent lost its pressure suddenly, if it bly would have flown away like a released balloon. Our own terr, was holding air suff. fine although the plastic door was building outward unnervingly I dragged my backpack toward me and

most, of reserve set and CO, absorption The arm's length of vacuum that separated us from the radios in our helmets might as well have been millions of idlomators. Our ass was really in a sing, and my face must ve shown it as I horized up from the backgrack Stacy covered my hand with here. As permand beautiful as an angel, she said to

Guilt replaced tenor in my wretched soul "Nino." I said "We're not deed yet the changes of anybody leiding us out here On yes. And my own stupid fault, too.

you benging me out here. She said 'Don't say that Stacy I always think I know what I'm dome " Don't / ever! By this tree she was holding me, stroigne me. These I was lower than a crater's bottom. and alw was trying to comfort me The sky giver our heads was black. The stars were westing to see what I could come up with "Whenever welds, we i have to do if "Orny two. The first one is, we say the hell

"Forget f. The other idea is to open the entrance of our tent and try to grab one of

the helmets before the decompression kills Now I'm really not up to it Nothing to it. You get the helmet and avesal the door. Hel out all the air from your harknack reserve bottle to reconsturize

our test. One, two, three. Then we radio for help 1 I could never reclose the door parket test enough We could wrap ourselves in strips of blacket mammy-style maily bolts to pre-

'Darling, it sounds like a home way to commit suicide. If we can't think of anything else, well by it, all nob? Cleav she said constitution

vent embalism "

Besides, the blankets are falling apart." I said holding one up. The blankets had

were turning to shreds as we moved around in the tent died, arms around each other, like a pair of monkeys in a thunderstorm. Stacy had proposed, to chance letting the air out of our fort, was a long shot, but it was basically practical Defrately worth a try But I

couldn't face it right away. She was a better man than I was her more tightly, and she straightened up we clich t map for sightsooing and fooling around Between the rocks the ground a beach made of the ash instead of sand

We could do it barefooted I was beginning Sucy-

She responded with a loud sort. Then she said, 'Tim sony I thought I was being brown it's and such a clarry retten break -I said. When we get back to the

I d-definitely will Corrupting my morals - " By this time least were curring

Listen. Stary there's another thing we can do. We can try to walk back to the and roll it along from the inside. We'll just

leave all our stuff here. There's enough for She thought about it for a moment. Why not? she said, briefly. Even if the tentings and we depressurize, we won't be any

worse off than we are now will we? Let's do 6 she said, smorroup up and pulling me to my feet I lifted up my backpack and hung it on my back tucking the dangling air and

straps. Stacy helped me adjust the harness

well on one aide of the tent, trying to tip it hands

Fry to shuffle your feet toward the edge of the floor." I said. The test slowly rolled downward as the tent floor filled upward The rim of the tent fallened on the ground It was like standing inside a huge flat tre The floor of the tent was now a wall to my note Since it was no longer resting on the much as the dome roof on my left side. The on if to knock off the dust that stuck to its curate surface. Very little dust actually fell

off, but at least we could see through the "Okay" I asid "Luckly we're already facing the way we want to go. Stary, stay close behind me. The idea is to step along constuly and make the test roll like a wheel

Thope we don't have to make any sharp

weight on the plastic that curved up in front

ped in the dome and floor Abruptly the tent kinched forward. Stacy fell against me from behind. We both staggered, but we managed to keep the test upnohit What hynnened? I asked Starry over

my shoulder. When I picked up my foot, the tent rolled said "If we want the tent to roll smoothly, I've got to take my trailing foot off the

ing foot down on the plastic. We'll have to march in step. I'll have to hold on to your backpack." Jesus Christi All right, forward, march Left, nohr, left, naht, left, right

never guite falling over. Whenever we came to one of the huge boulders we would walk a little to one side of the edge of the dome. forcing the tent to curve its path in that direction. Occasionally we had to stop and but the fact into reverse Generally. I followed the footparts we had made on our way to the pionic site, but as we

name to more open county. I wasted takany graters more than a few meters across I didn't cam to find out whether we could develop enough traction to climb up out of Things went better than 1d hoped. We

big wheel, webbling this way and that, but

moved deadly downfull with me still counting cardence until Story yelled at me to shull up On and on we trundled the test my arches flamening in little craters, sharp little nocks jabbang my soles. As we tramped out of the dust area into coarser soil, I started wasn't a single damn thing I could do about riat at Stacy was custing under her breath

walk on the stuff, but the effort threw Share Evenifiwe had our boots with us I said we probably couldn't wear them in the than the ground outside does



"Me too There must be something going around"

I didn't have a watch, but we must been the boulders behind us, and the air grew chilly in the text. If the ground heath't been frostrite. The pocked fields of the moon were around us. It assemed as if we were less ash heap. My bare sion canged from At least 4 s a nine cloudy day 1 Stacy

ing on

I wondered whether we could jump the lent over an obstacle if we had to I was taking bioper changes, leading us into un-West Limb along a more nearly straight line than the route we had taken to reach the As we got closer to the base, the sloping The sun began to peep among the undulat-

ing hills on our note horizon. When we came to the first long stop of aurlight shipone directly on the oround it was five stepping on a hot griddle.

No. thank God Will the tont plastic be able to stand the hoter On sure It's designed for use on hotter surfaces than this But we'll need to protect

We allowed the tent to topple over. Then How far do we will have to go?' Stacy saked me as we bound our brused and blatered feet with sinos of distringuising

Less than a knometer. The base is right around the corner of that noise." Good to inspect the condition of our text. The

After tying up our malesersh brooking, we got the test up and rolling again. The reslowly than we had been proceeding. We was hell i feit as if I was being rossled in a borden. At each stopping place in the ing so we could as much as possible avoid running over rocks. The tent plastic was beginning to make little cracking noises with each step we took. I kept slopging away on my throbbing feet. Whetever was At last, the base buildings came in sight I never thought I could be so happy to see

creard. "You see ther? We've obress there!

I couldn't see her behind me, but I pould

Yeah, said Stacy "Lot skeep moving." "Don't stop now honey We're cetting there." I seed, despectly precing on There were no more surist places to cross. I had to consider the problem of how to get inside the buildings. The guickest thing to do would be to head for the buggy hatch, the only arlock big enough to allow us to roll

prosched the buildings. Fortunately, if I hatch fund night under the picture window of the staff bar and lounce. My instructs tell

me timust be about Happy Hour now. The bar will be full of people. Ini be easy to my Dackpack so hard that I almost fell

You expect me to walk in front of the West Limb Base staff bar and lounge dur-

She had been carrying me

harrowno that it still gives me the croops just thinking about it. We were surburned

salmon-pink, our feet were bleeding, we were in deadly danger of just standing there .

Stacy' I said, turning to face her, we're lucky to be alve and-She burst mo team "I can't I worth" She had been carrying me through an orcleal so harrowing that it still gives me the oneps sat Pinling about it. We were surburred salmon-pric our feet were bleeding, we were in deadly danger just standing there. She had bolsteerd my morale and

grack in her bravery and her sense of humor I had seen during the whole temble brich might have raised his voice at that point but not I down My hands ran up her book, caressed

aware of what I was doing Stacy Stacy darling I choked You'll

popped it had always been the servitive We had finally aprung the dreeded leak!

of my backpack and whirled me around. I stilled the imputer to boil. "Double time!" I barked: "Leftinghtleftrightleftright!" We were lucky again. Though fog was forming in the tent, I gould see that the buggy hasch stood wide open. This was in sabilities of home watch characters. but I I be eternally grateful to whoever was responsible With me in front and Stacy cincang behind, we bustled across the open space

I caucht a olympse of round every open punded animation. Porkner just happened to be tending the bar that mont. He later had ever heard in that place

Stacy and I ran into the a riock so fast than pounded at the arfack controls through the CLOSE button, the outer door clanged down.

I staggered against the wall tighting the text. Stocy sat down hard on the floor We were both gasping for six I was about to say we had made it or words to thet effect, when I became aware of the sound of

from bahand the inner door The Happy Hour stampede had ansyed trance of the test and stepped out. Sho

bestard who-'Hoy! Suarra! You all nght?' it was Porkcornder from the bar to the buppy hereh. sumped out of the tent and palmed the lens We're all right. I said into the intercom-

grile. We, uh we need some ciother Aready taken pare of Porkner's voice answered. We've got a red light on the seriock penel but here. Will have to open Streey and I stood to one side. After much

talk and crarking the hatch opened a profesing a couple of white tablecloths Blessed be the name of Porkner and I'll never major his spanner again Stary and I emerged discreetly togged

questions. There were some aly remerks had not gone unnoticed as we sprinted past the picture window I always say that it's up to us pioneers to point the way to-WRECK HIS E-WEITE As for my relationship with Captain

Crambits her goodbye lass at the shuttle next time I asy her she asked me whether I warfed to on sking. We were on the corth polar specap of Mars at the tyre, but that s

another story DO

SCIENCE FICTION CHRVIVAL

aside the rules and had brought a yora

change pleasanties with them. After all it's

but how much do you really know about

Just because if may take a million or

No matter where you travel you really don't have much to fear from alien germs. ease only slightly less than about being

Alen criters-microscopic or masto-

Cookson. We could have seved a ke of

There are operance undered implice

You will never obe of loneaness in appace

THE MAN WHO WAS MARRIED TO SPACE AND TIME

thom poetically and if did not lead him to become a professional distance and of great use intrreseeping). No if was altogether a humbler nort of effection, and in his last years, after his wife's from the many characters and the property from the manor ectronal job, when he was living along in a big-city apartment he him interested in science and science-liction at his life, kept him stating appropriatively into the distance and, lowerd the end legs of his disease. ing twisch is, after all the simplest way we measure both time

And yet this humble humbrum rather metaphysical love was so otryous to the few friends of his last years that none of them was exactly startled by the functul auspeanon made, after his meted gway into space and time, that he had become "manned" And indeed old Guy Manning's disappearance old have an unstudied as to it as if he had samply stood up one day ties if comp to get a drink of water) and walked gut of life, or at legal away from Malas we know it. Though in what direction that would It was Joan Miles who made the fanciful "melting into space-

Guy Manning was in love with space and time all his - people supersitions who had the distinction of living and keep not only during the months precision his mysterious and like by her personally-embellished luner calendar in which Otrosts and of course, the Lovers. By her calendar incidentally old Guy Marring disappeared on the right of the Murderers shalls across the sky low in the south, latest to ase and earliest to

set, short-lived and date Jack Perrore: a restless chap with a lean interest in both the

Then there was Mr Sarcander a sallow and lean-stored cirrosi rang had consulted him about his recurrent depressions, but alive, shockingly harsh in his evaluation of human motives and they were excessorally burt when he applied such value subments to them or their heinds. Actually, however, Mr. Sarcander was harshest of all on himself, expending all his ophimism, flattery and cheerfainess on his patient-clients, reserving his hor-

Finally there was the amobile and tolerant Dr Lewison, Manreng's medical doctor with whom he had something more than a apartment as did Jack Perrose These four persons had become mutually acquainted while



unsensusly addicted to astrology white witchcraft and other. Manning was still alive (unchappeated, rather) and after his PAINTING BY DON INVA PLINCHATZ

push at all for that matter

(and we probably should) Mr Brewn a fits of absentmindedness who was the

puzzing as he recalled more of the attan-I was up on the root." he said "when I

day-mghts too-to check out the weather or the stars I remembered times.

unless you make a He look me up there

Or Lewson emited to hymnelf, thinking of

Meenwhile Joen Miles was vioualizing The pale tar-set gravel overhead by the light of the Murderers Moon. And a door

then climbing inside He wouldn't have more if it were going to be that bort of

casely-building flaggores clouds stars make them up and often look so much

vanishing they met a few times to talk. his time He had a geometric mind. Mr. Sarcander anorted faintly. Old their evesight, triang to prove to themselves that it is as good as ever - or even better

very careful about all his sensations. They and in shadowed porches. They watch

their minworlds to crumble it's the only Mr. Mannero " Joan murrared "be-

garrie more and more mimersed in dispance And indeed that was a very far way of

mounted. And always there were the vasity noticed a shadow supply traveling across ing through the musy air a quarter-mile could by and huge extracevestral structures such as those coveraged in Arthur C

might have become a collector and orded

moment of awareness (that was surface proposm and the macroposmo and the

"His never cared for those new digital watches and clocks. Dr Lewison reblack empty face until you press a button Neither do I for that matter For a wristwatch or clock he ovelessed the simplest kind of spaced minutes marked around the rim

Jack Penrose lifled his eyes "He once

man reminered. He was standing on this the illumination was general but he know he was in a desert. He could feel on his about five or six tight timy shakes to every one of his heartbeats, as if the earth bescondifing but the ondiese siver misibly vibrating plain extending out in all direc-

Then as the mist community to mics away he judged - a squal lower of Then he removed two rather thin dark wings ruting out from the lower for miles and miles-an improvable ob of controverno them in the for detance. And as he swung one and continued to watch it he got the

pyothead. He a departic mysterna dark scythe. He glanced down at his wrist to time the scythe's speed.... As he saw the rapidly around the pilvery diel he realized Trapped under a wristwatch crystal

brazon of the sands? Did the mists clear all many? Was it has room outside? Did his peer ings. But in the long run, he was more drawn to the commoner and more ordinary "He woke up feeling the watchband

> you became more twate of tity pressures like that as you grow older" Jack's even

him of another memory, one more cirticult to A westwatch ticks five times a second. Or Lewison observed. Though it's harder

coins in different pockets according to their habit of reaching in and counting them by

"A test of tactile south?" Mr Saroander put in sharply. The elderly reessure them little tesks, so they won't have to think un-He had another habit involving small someone he told me about how people ment with different patterns of tearing out owe each match a weight depending on

he was a closen different people. Jack

"His told me about that too Joan Miles said. Eventually he came to think of the matches as actors on a stage, with the

Dr Leveron leaned forward 'But the

As he explained if to me." the doctor phance was that held gome to think that than chees is in chees you're operating in forces are known to you and where you control half of the pieces. You can make the

possibilities and probabilities. You can't whatever comes good or bad you can romonium benefits or mineraze harm. His exemplifies the Pythaporean insunction. Be-

on this rather large. flat square soof that seemed strangely familiar II had a paraget a wall of the same height that went acloss

each other because the central wall was drasec would happen

ing of the other side or that something

riga. He was wearing some sort of dark gray uniform-it left uncomfortable and a few people on the root, but they were all

he was some of them alone some in pairs face - or address a single word to any of occaeonally got comfort or at least a ighter shade of gray Being near one of

a couple of them would sounty cried along he d hump over it as swifty as he could always keeping a low profile. It struck him soldiers practicing to advende agrees a

overpowering urps to do twewse. He di crawl as fast and inconsoloususly as he

"He cobsed that the dream solders in along and around the walls, while he and the others in darker preferres always advarced in the opposite disaction. When nonneum soldiers neared or went past especially if Marning were alone against

them landing on his back or sust so much be Yet whenever that did happen those

hald be back at the point where the dream and territed crouching to do again in the

"It was only when he d at last made it all two by two that he finally realized he was

special maybe we'd been taking about

rection like an appleased or

out Manning once gaid that And I re-

whether he seed ite followed his own ad-Mr Bleen broke in Held been listening to

a little suitcase at the foot of his bed. he After you found his keys Jack adgreeced fem 'I went up and searched gammon doubling cube a lens can from

his eyes I know I'd remember he said quility. When I found the keys they were on a actup of paper holding it down I but it blow of the roof. It was sagged along one edge like it was torn out of a spiral

went up to the tool together and watched

with the next CO



STELLAR TECHNICIAN



D_{ark}

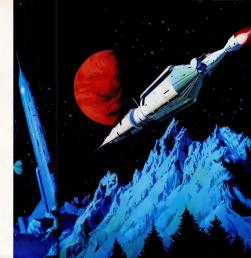
moody, and powerful, the paintings of Vincent Dt Fate depict mechanical marvels and far frontiers of a future technocracy

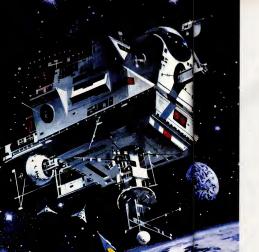
built on complicated machinery and human resourcefulness

Art brings the concept of intelligent machines to life 9



There is Wotsham belief in the mystical powers of the machineisigs D. Fato, who at their year is consisting of a grand out men in heapthy seasonated head of technological space and String misper of an inury environments. In the control of the control of the control of the Wotshamper Fata New You, sudo, D. Fato in the points scored of testifs when pooling done or and points scored of testifs when you have been and imagence flustified.









With bodd strakes and somber colors. Dil Fate società the powerful tools that will enable numeriorid a secont its observable in the summer of space makes or increasing the basis on entercomet. Of space makes or increasingly dependent in technology, the strakes, the same of the colors of the strakes, the same who must be in the second of the society. The second of the society of the science of the second o

GRAVESIDE WATCH

The time capsule would be buried there — but who would dig it up again? And when?

BY FOWARD H GANDY

The part of the pa

feelly a grove just a truge hole."

It was not in that little glass house on the sidewalk. After a couple of minutes he was PAINTING BY CAGE TAYLOR.



perspring and speculating about photosynthate. Dam's had days in the phane booth would have saved Esterner African waters. They ded boday. She was failing him about if or the four theme He opened the door, stepping badis to try to catch some of the early evening breese but the phone code wasn't long enough. They

"III Day a topf of bread and some wine he cut in "What do you say? After e police pause. Elane took up he stack in the conversation with some straight talk about sunlight, and humidity Not to memors bugs which she did.

when any disfrank obstance and dis-pose more learning. What size was trave to do in a phore-booth to be obstantially about tomorrow to burst. After all, the had a right to be proud of the entire the was only at leasting designificant and per him to the one who are in or the great, banded is, formed a support of the part, the proof is formed a capetile project. He even wrote up the capetile project. He even wrote up the

pontage shampe—which he did Hundrieds of them.

And them were other disvolutions (see carriang out on the tip of Ream Hill to-night, to keep an eye on the folia Not that is always in weight of the disvolution of the seed o

demonstrate a genuine hand link hand whole to the ward casually passworth in More specifically, it was a good excuse to spend the gridle, and the stans with Elaha. He could just see her white stan glowing in the morphish the softeness contracting with the ruggedness of the outdoors. He to could see them sipping just the list hosts, it.

He could just see her with stein gloving in the mornight, the suffices contrasting with the taggaciness of the outdoors. He could see them signangurotist the land horse, talking maked in the great, this of stress was people of langing shiely to her discussive field, which fluthered at the slightest book. Unfortunately the class of exposing pre-soft to the universitie has to say any own do not such sheen it it in the of other discussions.

dat not sozie when it hit the file of other poople's magnation.
Yet, c'most Elaire."
Reality was no match against Frank's sonakable magnation. Never was and never would be Earn the psychiamats had been unsole to help. Frank had stopped searing framiniong ago, our he was still pay-

ing the bills.

Seak, I understand. Maybe some other time. Right Talk to you late!" He slammed the receiver down on its credie. Great, he flought, as he jumped mo his car with his camping gear. Cut as the quick by a dead.

Frank raced through town so if the world was garring on him. although he knew he shouldn't be treating his Pontiac the fest. He downshifted to take the steep incline of

te tell Frank gr
He finally shapped his car when the
adment ended. The last quarter mile to
the top was base diff. He decided against
qual.

the walfs Sprang wheels ground my many and thould be sold to the conplex sold thould be sold to the conplex sold thould be sold to the continue all too Fusuation He would walk. Finish shook his head to mudge his broughts in another direction to mudge his sold approximation, he retinided himself as he shoulded he bedrapper. All ways speculating on this or that Problem was this or that found in them the retained to the

that" could run from the rational to the indiculsus in a flush. He took a deep breath of pine-accented art to clear has head and then walked up the road to the grave shough the hill was thick with trees, there was a grassly clearing at the very top-

Anticogni the rati was most with years and state of the rational time the rational time the rational state of the rational time the rational state of the

sal down and spoke without bothering to last up.

Not five minutes ago I saw a entake glide into that bush you're hiding befind, son?

Frank grigerly shapped into the open and then became emborrosed of boing fusted out of the bush like a common

"Exouse me," said Frank, trying to appear casual. "But what are you doing

The oil man looked away Fearks eyes followed in sort five goine upon a wagor, a medione-show wegon. A lariners, attacting the attended of a matter of styrig reseats, hangfrom a rusty hook oil a corner of the old wagon. Frank could be retry inside oil may be seen a seen and a corner of and of the right flow and parties on or and of the right flow oil the retrieval the seat of the right flow oil the retrieval the seat of the right flow oil the retrieval to seateneds who set the countries and Wast some coffee sor?

What "I whiteled sharply, and Frank foliate" the whiteled sharply, and Frank foliate the wagon. A German shapsherd came matting out. Frank hought the day was beautiful even though it was quite dusty. The old man barryate the side of the coffeepor with a stick, and the dog jumpod materials with the wagon. Moments latent must be begod of the wagon. Moments it series.

up to him

St down son "He took the cup and filed it What's your name?"

Frank "he said, hesitating "Frank Hen-

Well, I hope you like your ooftee black.

Ah yeath, Frank aad, atting down rather slowly and eyeing the man.

"Bood Segehorn's the name, and this is paid." The dog raised its head at the sound it is name. Frank noding to both oil bern.



as Sapehorn handed him his coffee Sacehorn was an odd-looking man. His. deed. Frank would bet that the old man make it appear to be windy "Quite a hole, said Sapehorn gazing at

Walt * Frank turned to look back at the wagon again, not sure of what to think. He his boyish imagination noting intade him, grying to get out but not succeeding. Frank was too edgy in these strange surround.

"Did you come to see the buna!" he asked. "Most assuredly As soon as I heard about this time capsule. I packed in my show put my horse and wagon in a truck

Frank gave Sagehorn a cold look. "Burnbag and beckpack. I might sok you the same question. He seemed offended "It seems that I've been elected to come uphere and throw a light on the hole. Make

drop out of sight in mig-stride Yes, that would be a nextly fail. Frank nedded "Wah if a g deep one of right. But the time capsule will be there for a

Sanetann amiest. Yes, indeed i'm sure

Wolf we've taken a few steps to make Nabbod a government grant Need I

tay more?' But Founk did for he never The capsule wasn't built in metal shop, he concluded after running through had in building something that could sur you for a frougery years Saneborn seamed to be really inter-

have been. What other stage have you taken to ensure its discovery? Sacretorn Frank looked up in time to see a shooting.

get brussed as badly. He looked at men certainly had one loot in the past with that wapper Question was Where was his other look? "Wet," said Frank, "we've printed up hundreds of small books. They describe the time capsule's location and ask that it got be goested until the year 2980. In fact, spert most of last week making frem out to thranes all over the world. Even a few

mgrastenes" He shrupped "The time capsule will probably survive and be re-'Well, if it is found and opened a

Frank concealed a smile behind his cuo

walked over to his wagon. Brushing by the

553 With cup in hand. Frank wandered over became defracted by the lartern. It is

turned and took a deep breath, to clear his years he could see the lights of the city in of the unworsely There was the officer of

Elaine walked down on the way to the campus-taking about their students, sharing streets down just this side of the neon must be she park. No ... the golf course maybe no not buy enough

Senehorn swam back over the seat and scrapping and nodded its relief. Just cut a small mutal box.

Capsule's already full Invention of "Hardly To talk to someone from our future does not require some sort of invention." He raised or rather hoisted his heavy

swirled the coffee around in his cup "If a based upon a simple theory of time travel Lecture prout you know He tugged at this west "Speak at colones

county fairs, outdoor festivals, and such Although I confess it's my send inske that "Well" said Frank, looking back over his shoulder "I think the wagon steel would



grave and sal down. The fire was warmtrees to the left, and then in the trees over the wagon. He without he was here with Elane instead of the crazy old man? Maybe Sagehorn was obviously try finely relented a bit. What's your theory about time travel?

Segeborn poked at the fire with a stick Frank began swifting his coffee again. and the fire crackled in agreement

Really" Sepenorn said. If a most lagical theory if you assume that man will even mend to In a thousand years he will most Only problem is flushing one out into the

"I see What's your plan got to do with my Your time capsule, if it survives a

Frank rolled his eyes up in disbelief What time Irave? The whole concept contains too many portradictions

and rubbed the edge of it with his indice all what's in a contractorson? played the crave as a spittorn "Part of

VIEW To recept the twenty-five hundred years. around the sun. Well arrighe could see it was the run raing and setting. So obseously from their point of visw it was the sun. doing the revolving." He pulled his stick out

Truly admirable of him, but we've progressed a little since then Exectly! In the past thirty years we've

a geometric progression of knowledge five years. My God, if that acceleration rate doubling samething two bundled different times before that capsule will be opened

cleared his throat to suppress the tiddle ri Why take a single penny double if twentyby-seven times! With that kind of acceleraton of learning, can you imagine what will happen after doubling our knowledge two

travel will remain an impossibility forever?

outclassed anyway Sageltom might be crazy but he was also well prepared to delend his Incory So, what's in the box?" Frank asked tells a most interesting story Used a special

"What are you using for best?" Well what better way to lure a time

Frank could see the open grave a couple of feet from the fire

and a large mound of dirt on the other side of the hole. The old man sat down without bothering to look up 9

travelor out into the open than with another time traveler? Specifically a supposedly lost in a strange dimenson, stranded in

think it's safe to assume such an occur-Murphy's Law Precisely And suppose you were a time

language of the future?"

How else to get a message to the future telling of your plight. Then through a time interesting notion. He caulant help thinking

about it for a moment. "The question," he trays a time traveler stuck in this century. third fourth- He stopped and extended Now it seems to me that dir language is in the next few centuries. Wouldn't a real time traveler lot down his S.O.S. in some

'Ah, but the scroll is never purported to be writen by the lime Impeter tensed. If a orgin who helps him survive in this primtrue century Unfortunately the time traveler friend is worked about him having a mental benefitiven game creay becoming most

Frenk pressed the palm of one hand against the knuckles of the other Three knuckles discharged, each at a different each There was a dancerous loose to Sepationn's theory In a weaker moment Frank might have embraced that logic he knew that the light he was seeing had he knew the star might not be there anymore Sometimes it was better not

"Wet, owen if I believed in your theory. I couldn't get your box in that capsule any like a three-dimensional puzzle. Nothing more will fill

"Smuggle it in. Remove something and "Remove something-tor a box and "I'm a time cannula marter fleer seedtheory is hardly has balled

Finne was remotived affrough he dicin't know why "You mean, this isn't your Why no see I'm afraid a len't." He frowness but then his face brightened. "But Prospects are as good as those for the

looked off to the side for a moment, appear ently it will never be found You've been testing this theory for the past twenty years and it's nover worked?" years at the most. We'll before the age of

Twenty years! He wondered how many he had sended and then chuckled of the collective heads. "I just wish I could be around when they open up a capsule and

"Oh, they I probably start popping them open in the next century Course they might think the first one amusing as you

Frank raised his eveblows in a polite pro-

sums. When they see that almost every fieth certifier has the same massage in a they may find it most disquieting

And you're counting on that, aren't you?" Sagenorn raised his shoulders and made his neck disappear. Sure. That sithe kind of mystery that legends and myths are

fundwis of years, maybe a fascinating legend or two may that he would become in thirty years? A

Instructively, he picked up the box and

him a girrpse into the future "Tis sealed" said Sagehorn WWW

"An extra precaution. The soroll is preserved in a vacuum. couple of times. It had an pily film on it like

"Just curious about what you had written Tirre and place is the essential part. But

most of the scree is simply a carefully with strenged in this persury. However the gist of the matter is that I promise -- in the

scrol-to bring my time traveler hand to a specific location at a centen diale and time place, mind you. Therefore, when they recerve this message, some time travelers. will be dispatched to the Raven Hill Tovern "

The taxon? "That's where I'll be at exactly five PW. a

'And you'll prove their existence

the old man himsel? He hestated when it come to Separtorn, Sometrow he could sense a magic in his face. Or his vaice. Or was it just his own imagination? Well, But the questions kept coming. Who was

Was he crazy or brillant? These were too many questions, and despite the man's appearance Frank knew that Sapehorn could tear the mest off a convoluted gues-

> Why what? Well, why have you spent twenty years --

Suddenly it hit him. What the whole conversefron had been leading up to but never guite touching. The thought burst into focus stunning him for just a moment. Was solity their outstroping his magination?

thropology? voice again "I'l get it in the capsule Sagehorn smiled, reached down to per

his don, and then twised his out to Frank isnow why I digin't think of it before

With hands classed behind his head Frank leaned back against his camping

ally was a time travaler stuck in this contury And suppose that a time capsule was into the future. Now the question is glanced back at Segenorn. "How would this to struggle his message wto the capsulo?

Segenom shrugged, but he couldn't hide the twenkie in his eye. "Oh, he'd probably think of something," he said with a



"Of course I'm issuring to you. Harriet. You said you were a Martier."



They were a wild, turbulent race of savages, and studying them led to danger, madness

THE EMPATH AND THE SAVAGES

BY JOHN MORRESSY

The Arpseene observed the onrush gungsty They were perpiexed by a sece so belerggeneous and so votafile, and fascinated by a planet so Water was abundant on this world. Wherever this world differed from the home worlds of the Domination, the Its dominant race was energetic. with some physical resemblance to the earlier smaller stages of Anpreene development it appeared strong enough to provide useful servants while not sufficiently durable The residents of this pleasant planet societated page. Study of them The Ancreone were a long-lived people, their ways were methodical

The Ampresens were a long-lived people, ther very seven methodical people, there ways seven methodical people, the very seven methodical people was a long to the people of the people o

PAINTING BY GILBERT WILLIAMS on a single person and a single instant. The Empeth and the Conceptuakeers look their places around the selector locus, and the Assessors gathered to observe.

The selector hummed. The Angreene ship, the surrounding paper, the name gathering beam that reached downward to the total figure, and the heap of smoldering places wood were all instartamentally plucked from the verye of space and time and held suspended in an otherwhere and

charwhan The first spectreer was drawn about the step three the stage of the earthy species. She collapsed in a heap on the basis of the focal area, her washchal legs and laceh add set unable to support her weight passing hereaft or one brusted bloody hand, she thing the other high and ored.

Philips Good Plasies to Thy name, 10 Lord Thou hest deleveed. Thy servisor from the wright of the enemy!

She ablempted to rise but could not She began to south her sufferings and fold of tomests inflicted on her and others for rescors the Angelesia Represent Conceptualization had difficulty assembliding. Her speech growed and inchement. They let her rise in wild and hochement. They let her rise in

uninerruoted, until she stumped torward and was stant.
This oversime believes that she is in the presence of a superior being from her is out in the 1-be confident transmitted. This myth appears to haid great appealance for this or ordatives We sug-

gest invincible action in accordance with her belief." In a gertia, melodious human voice, the Empain asked, "Why heal thou suffered so.

my disaphle?
She resed he head and gazad upon the lowerry while clad figure of the Angineria shrang with a subdued golden dura. "I would not dery three hold own on the mock would I dery my God and Sixer and His cere true fash, and Thou hast plucked me from the firms."

The Embods seasched deep in her tobased aind for the proper semis in which to couch fin response it stretched tests pain hard in agesture of benediction. "My child he cup connot pass. This is but a tomfastiof, the joy that awarts when thou hast passed though the fame. Be steechast."

A lock of feer came into the hollow huarted eyes, and then the woman said. "Thou art just in all things. Lord. Thy will be done."

The selector hummed once again, and the woman varietied, equating to her give.

The selector hummed once again, and the women veniched returning to her pyrawithin a nanosecond of har departure. Her scream as the fames rose around her wisk drowned out by the rumble of the line and the creas of the crowd.

From that time and place, the selector took a total of twenty-eight openment treatching each one from the maturit before cleath—when the blade was at the nape or the knot was just about to close on the

throat or the rising smoke and flame brought ar end to long agony. The salector could risk unase moments but it could take spoomers who would never have the apportunity to speak those memories to others of their species.

one others of their species

All those from that period reacted in a
smalar manner When the selector had hufed the last one beck to his destined and
on the block, the Angreene returned their

time along and a laborated it to normal time and and spoke and furnised to the need stage of their value freeze and furnised to the need stage of their value freeze and furnished to the fine the property was not task and the concellent and the contract and the

dy ich with an asen contray Dephined of perect frecene, an Empath would be overng! whemed by the sheer vital force of an intruding processes, the alien manner and therking process would be irrenaticable to the pro-

> &The Assessors communed: the Empath and

the Conceptualizers prepared themselves for the next

for the next

contact; the earth spun
through more

wears. The ship moved.

physical integrity the others abound the Apphiana visite were busy Conceptishtors thuchined and colleted their findings. Assessment welcoulded them, and all the

while the selector replexished its power for the next gathering of spectrems. After long disbertalion, the Assossors concluded that the physical betweeperwity of this rape had directly self disableatily influenced its social development. Unlike the Arpsens who were a single people with a strate garbers, thesis creatures series strate garbers, thesis creatures series.

feerone experient lib to deep-seafed and the cause of great creatly it immanied to be determined whether this tragmentation was a phase on the snock way to civilization or a racial characteristic inherent in all. The Assessors communes, the Empath and the Conceptualizers prepared themselves for the rest contact. The earth spun through more years, the stop moved to enother cert of the object, and the interview.

ments began their search once more. This time the test apecimen was a male. He blinked looked hard at the Empath, then smiled sandorically "So A clever tick, legint, whisting me have jutt as I espect to

die "he said in a torgue qu'ils d'itsert from het of the first group." Bel me, where are the rest of the tribunia? Where are the fat prisets and the nobles who one on the peoples. Reish? Are they hid nig somewhere, cowering in fear of the words of a condemned man?".

He fooled at the feabusiless walls, then shock after and one of an attended no head after and one of an attended no the common of the common of the common of the process after and one of an attended no the common of the common of the process after and one of an attended no the common of the common of the the common of the common of the process after and one of an attended no the common of the process after and one of an attended no the common of the common of the common of the process after and one of an attended no the common of the process after an attended no the common of the process after process after the process th

"Mell may got inde from thy words, you butchers" Stakes when you will no prize er all you you maye hou will kill me tout in words will her mel scued the project to do to may be not you will kill me tout in childrens been you you have had been butch and madders. The people will not be to make the project will have had week a low year best mell to the put weeks a low year on the your weeks a low year of the project weeks a low year of the project weeks a low year of the put weeks a low year of the project weeks and year of year of the project weeks and year of the project weeks and year of the year of the

of thousand peenants, and she shall have her basible Dosermylord desire in rew lessen for the cermage? Take the food from a thousand hungry children and give my lord his horses. Or perhaps my lord the authorities.

He spoke on, in a tomen of words and

angly gestures: while the Conceptualization flead his speach into the outural patients to shop's instruments had gethered and the Emparks proceed his fleath of a fleatheast in which to student our cases when the Conceptualization administration when the Conceptualization considered in But the Conceptualization considered in But the Conceptualization considered flowers his Andrew or the repeated and flowership with sections of the repeated and flowership administration of a fine conceptual process.

Definession on these spectrator insalidad in a storig methination of the oranel conclusion and created much earheam among the Assessor. A store so utterly desured as to border on lidal instdictantin was all but arman probable to the Arpassina Study in storight the society of the Arpassina Study in the society of the study of the society of the society of the study of the society and using society. Study if the society and society of the Arpassina Commission, the functionalistic concepts our work of the society of the society of the proposed Commission, the functionalistic of the proposed Commission, the functionalistic of the society of the proposed Commission, the functionalistic of the society of the proposed Commission, the functionalistic of the society of the proposed Commission, the functionalistic of the society of the society of the proposed Commission, the functionalistic of the society of t

if was beyond question
And yet this race not only survived its lagmentation but appeared to three on it.
During the interval—brief by Apprecia standards—in which the Aquistots were ontheirs information and the Zelebba

tyloid Their technology advanced to the level of powered transportation and atmo-On the advice of the Zeletics, specimens from this period were dalfhared not from a

the planet. And, as a caufonary measure. the Andreene ship was moved to a higher.

The first specimen was a woman. She fall to the base of the focal area but quickly clambered erect and looked about wildly until her eyes tell upon the Empath place? What happened to the tank?" she

demanded. Her language was utterly un-The Empath probed for a proper reaponas. You will be returned apon enquois.

comrade. All we ask of you is a few minutes. of intelligent talk can stop that tank

"thu will stop the tank, I promise you But a step toward the Empath, shedded her studed the while-robed figure closely What are you, anyway? Some kind of

rado Wat, you can keep your convede then I'm dying for God Why are you dying, then?" the Empeth asked the woman

To blow a sankful of those bastands to kli more of them. Satisfed? Now get me back where I belong

"Do you think you can keep me here until lose my nerve? I don't know who you are or me without a fight," the woman said, reach-

no into her regoed goet and lumbing to-She was returned at once The Empath weighed what 4 had drawn are. "She chil and had one that she was in the presence of a deep. She was writing to core

parions and destroy the appression vels-"She was extracted from an extrame an greature condition. The vehicle she sought

to destroy had almady caused herm to "She wished to make it possible for others to the on that after could do no only

frace. She was sweet of that The Conceptualizant made no response slightly built, basely of the age at which this

Conceptualizers and the Empath the a look of fearful revenoor than bowed deeply What is the marked cloth binding this apenmen's forehead?" the Empeth seved

The Conceptualizers explained at once 'it is symbolic not functional. The symare moomplate, but there are indications

one's willingness to die in battle "It is strange that a people so eager to the should instead those. What is the return

It is a confect of machines guided by vehicle by hiting if with the atmosphere-Conceptualizers explained The specimen straightened, bowed

speak, the Empath was perblesed by his was clear at the first brush with the boy's

Like the true Dwine Wind you tell upon terly. You have biossomed into a flower of death to bring honor upon your Emperor besed among the samura." the Empath peace lutilment and happiness deep "The boy believed that an Emosth was

vanty and the boy's own nature ' reported This race seems to have as many disnoty

myths as it has individuals Potage a stage in development The denied divinities and related myths. The Conceptualizers pointed out. "They appancent of selective application

"But that is irrational considered in miadon to the bekels of those we we proped in

The imaginal appears to be not merely spierated but highly valued among this the Empath. The bettle at which these specimens are engaged is almost planetwide it appears to us that they have care-

and groupings of these units are systemat loafy endeavoying to destroy one prother is there water within each province? Have they progressed to at least that level? "They have not The groupings are lemporary Within the groupings, and within the mention leading to repeations of the con-



race appears to be self-destructive," concluded the Conceptualizars. The timpath passed and reflected, Not they on on.

Futher specimens from this taking revioled little. They were targued, or their minds were warped with harried or befutdled with horror, and the Empath was parsed by contact with them. The last opecimen from this period was

or any speciment are passed or a consistent from a chandral place behinder between the consistent and a chandral place behinder to be the consistent and a chandral place of the consistent and a chandral place of the consistent and a chandral place of the second meterialistic in the coal sea, brinking those holicities down and when the Empath suched thim, there was nothing within accept mustip, hoppliess resignation. Then the myss locused the behavior

sappers The specimen looked directly of the Emporth robed in white, sould allow him and the Emporth pasped and surred saids, shaken. The specimen vanished immodately. Ye between I was the deny "the Emporth."

No more specimens, ware taken from that period. The furnish, ware taken from that period. The furnish, ware taken from that once to save, the contacts of this blang, the integral of all, warrist once to save, deep vido postificacine. The Assessers laboured mything to evaluate the findings and save in their work is langual of paradoxen. These constitution were motivate.

yet they could form collectarities and feel logist to them to the point of closth, even though the collectarity was temporary and arbitrary. That was tractices. They believed in things impercaptible to the senses and constraints extract, and believed with an in-

Not ben's that endured great suffering and was scopping a familial dash the thry could supplied a familial dash. The was might such pains and repudsite this vicin might be guilted familial was made to be a support of middle support of middle to body and all fall their the support of middle dash for the support of middle to body and source to greaters and onther the support of middle to body and source to greaters and onther the support of the support support of the support of support of the support of suppor

> concluded. This conclusion was not altogether decouraging. It was clear by now that the race of Earth was our to destroy fred in a very short time. There would thus be no need for see Angeleine contact and no net, of thewing to bring Angelein mixing power to been against these life clearures for all their leading to you do not well wished the united to you do not well-stand the united.

sed might of the Angreene Dominston say would resin, and it would be nacessay to destroy them. And the destruction of even such a race as this would leave a scar upon the Angreen emmany if all bottom to so them followed their own mediatel. During these daiberations, the population of the world below them had doubled and redoubled. The smaller and nearby planets had been visited.

The Arpsene ship wherew to a safe distance, beyond the orbit of the spoiline and began preparations for a fourth and final sampling. In the opinion of the Assessors a lith sampling would be impossible the second to orbit.

sors a time samping source in reconstruction of the native was a simple of the other specimen, a make, plucked from an enough of the native sort of the sample of the native sort of these such cettle of all indications were that it would be observed by an interest of the sample of the native of the source of the sample of the native of the source of t

orbiting ship.
His subdued reaction surprised the Anpresers.
He glanced about the focal area and
seemed to companional the situation at
once Fedding his arms, smiling, he skid to
the limitech. To ware out their shift to

"Address this specimen in francily terms, as an equal," the Conceptibilizers instructed.
"We come in peace and frendship. We writte fragments and we are your flancis."

seed the Empath "flor own speek my language. Qu'to well too Tolgostiff or fixely publiced studying us from us here? Or porhapo you've been living among us?." A power of the Angroene are Empaths with a power also to whet you would call telegathy it carried be explained of Juffer in terms you would compatibated. We have been studying you since. "Since you'vell."

The man from the Earth ship made a low, whisting sound and shook has head slowly. "Now must have seen some incredible things" he said "164 me what have you learned about us?" "Heldie our conclusions" the Concep-

"four race is mational."

The man seemed startled, then smusted the looked directly at the Empath and said, "if sook you have hundred years to see that you certainly asent a sook that jumps to exhaust a see that you certainly asent a sook that jumps to exhaust a see that your personal stock that for

The timpath shuggled with the manisreacters. This are wan not file the others. Words were seldern as ober reflection of mer strips in any case, but with the particular men, words and mirer states seemed to be self-contradictory on almost many lived.

Empath admitted
"Did you expect me to be terrified? To attack you? To beg and scream for your marcy?"
None of those things: You are not given

Nex / we got that Eddh wants me to pick up two pounds of mozzarella cheese

Nik

(\$7wnfall



to such reactions. What is puzzling is your mmediate understanding and acceptance the other specimens The men rodded and said, "I suppose

you were a god. Or a demon "Well I don't consider you either, and I'm glad to see you. In fact, I was hoping to find

Those ships—the one I was on, and the two offers—are going out to look for other worlds like Farth and other intelligent system, you've proved to me that my mis-

sign can succeed Of course I accept the 'Have you no fear that an intelligent alien.

race might constitute a danger to your own There's always that possibility I'm sure looked carefully at the Empath, then went and haven't attacked us or interfered with mate phase of the masses complete and us in any way wo've been sware of You asen't too different from us in appearance. and you can speak our languages. These are encouraging signs. Apperently you're probably with a totally different time on-

anishon and volue matern. A year retained pootie, too thoroughgoing cautious in you're here, but I see no evidence of outword hostitiv. What is the nature of your "Rel' ferr At," instructed the Concep-

"Our receson in like yours," said the Empith. "We seek new worlds for the Anproone Domination. Yours is the most sust-

"Do you intend to try to take it?" "Our Assessors sudge that accretion

calculations, your destruction is long over-Some earthly calculations give the same result. And wit serve menaged to tions on. We may surpass you The Ampreene would prefer to sword conflict with such a race as yours.

frends than your enemies. I hope we can be But tell me. Empath what do you plan "You will be returned to your ship and to

valve will cause the ship to explode in seven to eathfree seconds after your re-

"The main valve on C deck, the one stat The Empath conferred with the Concept

funkzers and then said ves

"a firs your dono? the man saked pay-No. It is a predicted malfunction The man was seent for a moment. Then All indications are that they will survive

Agen your attitude is confusing," the Empath admitted "Your race seems fond of are dwng not in some struggle based on a belef, as your race often does, but in a

'My race doesn't like dying gute as much as you think But we can accept death if it has a purpose " What is the purpose of your death? The

stars. Even if I don't make it, others most certainly will." ship the Assessors declared the prov-

ordered preparations for the long home wearly for their respective living compart-

ments

ife patterns of aken races and had done so with a race so freezed and spaymodic in its ways. Aduring to the human race had been an exhaustang duty Even partragane "An interesting race," the Conceptuals working out of their madness "I found much good in them " the Em-

path responded Do not overlook the fect that these crea-The Empath still steeped in human altrudes and reactions, made no immediate response. After a time, in inner communi-

there is sprenday in such madness The Angroone left the solar system in quatern. The gourney home was uneventual The Empath spent the entire trp in deep

revisitized. This proved to be fortunate. for When the Annyonne stup seturned to normal screen within the Domination, the armade from Earth was woring posceluly

been trained from youth to assemble the to creed a DO INSTANT DESSERTS ZOOM LEASES SPEED READING PARID TRANSIT DICKIE DIVORCES RUNNING ACCOUNTS



THE THOUSAND CUTS

BY IAN WATSON

The Petrushka restaurant was a large glasses of Yorks Don Kavanach observed 1 don't think Russian restaurants monoder unstains? Is in?

are very popular these days That's why we came. Hugh Carporter and Bound to get a table Don't blame me said the water Timis | thrusting the water who was bleeding from Londoner born and bred

Maybe theses a good sketch there? successed Marcha Vine who was the ugly. A third man stayed up top. All three were sister of the team. You know restaurants Eskimo Curry House Or wait a minute. how about a slaughterhouse for vegeta-Dieg? Wat 7 ve got if, protests at vegutable Hugh dismissed the notion and the

water with the same toss of his head. The was broken by the approaching wall of a outlyating a blind spot for the obvious Not guite mad enough darling "He cocked his head. "What's that?"

Soon after sounds of crash-on and breakages a woman's scream and incoherent shouting game from the upstern ven-This isn't one of your practical lokes is

beige-blonds receptionist ahead of them

Stay where you are!" The armed man's accent was southern than You three get

The manager, castver and water did so The momentary science that followed

Take it sed Hugh loudly, that we are "Be quest" mured. Hush You're most likely to get

More like gunfre ' said Alison Samuels, i murdered in the first few minutes. Then shaking her impaccably com-round red irangert starts building up Just - medi-'Zen and the art of borno a hostage, etc?'

A police loudspeaker applie, close Don't come any nearer? ched the upstars man. We have hosteons in here! Lumber lacket number two ran to the

Hugh's longue moved inside her mouth

Alison gazed at Hugh wide eyed mean correct me if I'm cracy but I wasn't

mean you can left me can't you?

at least | suppose that's what they were But we grent. We're here Hugh sat up. Dumbly he stared at a

The headlines were. PETRUSHKA

if But he understood the accompanying Just look at the date! Jurie the runth

So we're in the middle of next week." Alson began to lough hysterically then time I was the dential's Why can't either

Aligon started to dress " blacks wanted us to get into bed."

tions. I suppose it still tell We must have "Gas" he decided auddenly "That is it

effect Down't ray a fring about gas. It says

His telephone rang

Alegon was sitting at the dressing table. concentrating on braiding her hair when was covered with goose bumps. Ihough-

That was Don He . he reacted very Where s your radio? Swetch it on?

A punk rock band was sanging

may 8 homb ver books?

"What if mality itself is really a sort of film?

Suppose the world is being projected it's a

solid mayie made of matter.

not of light. We're

an entry in the Film Festival

of the Universe ".

Jones and don't set fire to the pun-the

breaks lasted as long as the first one had Some swallowed up two or three days und

Nor could people get used to having Hugh fed still raked and she tollowed

> Detretaing it was indeed to find ongset heading in to land at an unexpected ar-"What if we find ourselves in the middle of

Tis driving everybody mad " said Don Thoy were in Hugh's flat. It's No fast old

et? Like radio active and their what a rying straight on even if you're all as oon-

n. He rubbed his hands briskly. 'Cutal'

ignoring him. "We don't need consciousness. We don't need to be aware. A bird Actually if helps No swallow with self-

When he picked up a glabbled French self-awareness and it's a dead end? asked Alson

again and the world will run a lot more and August the effect repeated riself a any Martha you mensoned nuclear war But have you realized how smoothly the Arms Landston Talks are going all of a sudden?"
That's because both sides are more school of an accuract than these are

That's because both sides are more scand of an accident than they've ever been?

No disn't the been checking back. All

during breeks." Don chuckled softly Breakfroughs, during breeks! And remember too, that the Parturative single ended descotably—during a breek." "During a cut." High convicted him. "The Permitthe Thing could so easily

Netfaurant being sterned. But it didn't heppen that way. Don was driving his red Metro along the elevated section of the indoxesy in Oligan trial postion, in fact heavy raths. Some distance behind, a Widowingen baled to over take a large tracto-trailer the restore trailer armed it skidding and jocksything. As followers testing along the sterned to the section.

age: a bidliof flame rose up.
Bloody hell! "Don glanced at the calendar walch he had brought to esup himself with in the afternath of the first break best stocks are out." The days this time. As in the back sear to sign of Merhai. He in the back sear to sign of Merhai. He

hoped she was dell alse. For Christia sake get us off here! bagged Alson. It is a death risp: More file a bloody buildle sismpedal. Why don't he iddes sibs down? Sorsehow Don mached the next out ratin safely. The ramp was crowded with whefed skeeneding Homs bland. Fin-

contents by the ramp was crowded with valued of descending. Home blased Fenders and bumpers scraped and barged. Mularini lorget what we wave listing about. Hugh reminded ham, over his shoulder. The Use of a Thousand Class. There I be a thousand cuts in the contents of the halfs.

to talk before we lose the continuity

About duta "said Hugh creding a double scorce "the ber of the Duke of Mont was packed but erreshably hadned as people waited

The bar of the Dake of Anni was packed but errenavally hashed as pacing waited for the filer result on the tandlord's racio to along and the first hashly assembled news to size its place. Many pengle were not chaking at all but makely waiting. You mentioned the Death of a Thousand Cuts, and of course those were cuts in the fight with a Kine But what do we mean by:

A film " sard Alason "Editing Switching scenes"
Good girl!
"Imnocage! Gels are twelve years old or

less Oxay scey."
That's why I wouldn't over go to bed with you.
Oxay oxay I prostrate myself. Now that's I exactly the editing of a film—the pulling from one scene to the need. You

the way from A to B. They just leave then they arrive. Otherwise a film would last as long as neal life. Or the director would be foots Wisherd."

Andy Warthol *
Andy Warthol *
As long as mail life used no last
**Outo And what if easily seed is no
out of life? A millenna-long Warthol in
with a cast of bellions? Suppose, as in
raphy is to fist phonography so to in

out of liam? A milenter-long Warhol move with a cast of beliams? Suppose as heliography is to flat photography so to holography is solidography so to holography is updated that a solid move mode of matter not of light. We is an early in the First Feathful of the Evinesce Set.

made of matter not of light. We re an e in the Firm Fushvall of the University But Ha poused emphasically. Are we the completed masterpe Or are we the number on the outhing in floor of reality? Because suddenly we

cing out Three days ting out.
The music on the solici stopped.
"Shush' hesed a noomful of shelves.
This is the BBC Emergency Sensor, and I am Robin Johnson. The date of Stophen Sensor and I am Robin Johnson. The major on the shelp with the alternoom. The major mosent break-meanured approximation for major mosent break-meanured approximation for the sensor mosen approximation for forms."

Acrost 'Come on we can read all that sout laser' Don had not yet started the engine of the

tion a fiction?" he asked. "Maste this is a very if as subtle similar touch. Maybe the director to his suddently gone into experimental comma. He was miserg a realised fits the fore But now he is into New Wave subtraction—matel-tim—like a French di commodar lidit spruvier all mostly lang probasi lage. But we never kniew it before. Now we do lago but we now he had not before how we do lago but we now he had not before how we do lago.

But we never knew it before Now we do
Don concluded

But that ion 1 a decline of awweness

Alian pointed out. This is an inchase i

awareness

Its a bloody decline in our sense of controllower-whathappears in the world. The important things are all happening off stage. They're happening off everybody is stage, book at this progress in arms control.

Negle is and Alaron Cardhan Cecule to Meghe is and Alaron Cardhan Cecule to warr leading pull Orticitat I wook out the first lead to the control of the control of high seasond har alpring. Meghe thes breate are for alpring. Meghe thes breate are for alpring. Meghe thes breate are for alpring. Meghe the breate are for alpring to the charge lains in a film can see the commercial." "Rubbas, When you have a comme can lead Alaron, the fifth just drope The cast used Alaron, the fifth just drope The cast says days from the same encoment.

If it starts up again from the same moment in that case you're right. Something in will be eithing nasity! Magh activosided edged. How can i possibly agree with that? But can't disagree sither Lord knows nasity.



"Aver go to sleep. Tim: there's nothing to be afraid of

electrified mage. We'll go catalonic. We'll

whole country laughing at what's happen

Just so long as we aren't out off | said

ectage afterward. Swing us around

So do we all Hugh if you rehight So do

Stand corrected

tight after the rine o clock news. Seven

Why? Oh to check out what's been

something? Mertha asked "You should meet my publisher" guip-

first garuine reduction in weapons

See? It just takes one poor jark to jab his

When you're cutting film love ' ead

magined. Well, in my humble opmon the

I Isuah Introfore (am Beds don)



shape on the their

Hurh popped open one of the cham-

apan What no negative reactions at all? in-

Do you regize asked Rolle so he

up verwing figures of half a billion people? In retings, mean beasts

Dame! sween Don. He disnosed at the passing road sign "Pstworth, halt a mile

markably imprompts of her for a weekend

Hugh loosened up too "fouve got to

ter's place in Hampstead on the figh-1

"Yes dot the sade here" said Swish There's a lot to catch up on nemarked

and I am Robun Johnson The dwe-s

Wird be at the occage in another ten

Dotober Hugoslavia was invaded by War Attende is on July alert, but so far West!

So that swhy sei re all trying to get down

to the cottage on an empty tank. We re-

"It seems" seed Alaon quarty. That we God-or something-is not received ?"

Post-holocaust scenes now I presume

"Cut!" he screamed at the sky "Cut! enably for a few seconds. Not long what a

from the trees. OO

West, what's new on the recombinent decay/abesvoler; acro' front, son'



HELL CREATURES Out of deepest space they came I Bullets couldn't stop them, fire Object to the Art of the Couldn't stop them, fire Object to the Air Earth light at them Air Earth light at what dot they really want? THIRD PLANET BY STEPHEN ROBINETT PARTING BY IN MODURARIE PARTING BY IN MODURARIE

plenty of room on the back lot for a helicopter in trouble to land. Then those kohts came.

ey came out of the right sky like Third Kind. No organ music but planty of lights and a big mother of a mother ship. I was on duty at the time, making sure op one stole had just locked up the set for The Six-Six Points, Texas, the Western town left over rom silent days-I think I was in front of the seloon -- when I sew it At host I thought it was the on-flick-and the sky it up life a losst of Christmas trees I couldn't see one real star on

mother ship was a big mother It stood there in midsir, not maken a sound metal plates, and little windows with people -- or something-moving around inside, keet like in 2007. Okay, probably you ve guessed if by now

I'm a tim but. I'm also a cinematography. student of UCLA. That's why I took the summer tob as a studio night watchman, to be near the business I love and maube Evertually my mind started working

one After all they were trespessing and I was responsible for things We that Tapifled marshal's office and called the police Cleav ckay I know it was dumb. But who else was I supposed to cal?? The Presdont? Maybe. They say he saw one once had boldly gone where no sixer had gone before note? What could a few blackyest of space unacathed notic? I guess I men't thinking I will ran to the phone and

called The first black-end-whee showed up in out and stared at the ship, their faces a sackly shade of green I still don't know hohts on the thip. One of them almost into the miss, saying I wasn't a rut after all

first time, a sort of buzzing, crediting hum. like the light bridge in Flooh Gordon, followed by a scraping rumble as if a hundred-ton storm door were opering above us I think they had a noise like it in The Mummy We looked up. The bottom of the (Winding light spilled out of the widening

iding IgN A second sho, momentanly mother thip, appeared in the rectangle of light and began a skyr almost mostoropyour basis fying sauper from Invasion

Now black-and-whites were pouring mic this brack lot, severe wednes, limits flooring. to stops on Six Points. Teasts. the set of Theroughly Modern Mile, in front of the

Dead seence except for the Flash

Sameone velled, "Weapons", and the thing they had pistors, shotgurs, automati

About this time, the coos floured out they were doing about as much good as

nest Moretin Still, the mechanical arms off, fast, disappearing through the hole in the mother also. We heard the immersion stone door sound, and the mother ship closed up tofit plunging the back lot into

throwing their hats in the air One man was

won, all of them but one. Lieutenant McGrew a pot-bellied, thirty-year votoran onen the ovilorier or his. 38 police apegali each new cartridge into its chamber with grim determination. He trisihed leading. Roped the cylinder closed, and looked at

me. saying "They'l be back." He was right Six hours later after the governor had ordered out the Netsonal finest combal troops he could find the flag Red One all the way from Fort Benrying moving, began its allow descert

Awaget F 15s from Mesch Ar Force Base from Mars. Rash! Bang! Boom! It was kept coming, setting smoothly to the

shells whoost off its touch hide without

avegame unheard-of powers Behind it, a bunch of transparent 9mov-

soever Hallway to the saucer the scream-The bayonets went in and stuck, spidery blue agains bursting out at the parts of unstuck and had to refree without them, leaving the rifles stroking out of the force

seen through quartz. Evidently they talked that way Finely they settled down. Since appeared one firmeer and more transly-

ogno-looking than the others I could see the eksisten and maybe an internal organ or two in the light from the doorway of the robot and began changing colors pink, opiors when a short one ran out from bein from of them, and turned scales. He waved a Supper at the ramp. The two

off the ramp landing on a bunch of equipfirmpy one was okay sumped up and down again They started over the above were my bareble. They stacked

That payed the short alon to go apowaved its figurey arm and clariched a little Day the Earth Stood Shif A mbol-the med it, and partied it back up the ramp and ocupment and got aboard. The sauces desponsied into the mother ship. The mether ship went streight up, dwinding to Lingwood McGraw came over to me

howing puzzled shaking his head say the Tiden Leaf it Livel don Leaf it He sever did Afrest no one did The spentists who worked on it under povertiment prents -- none of them got a Most of us around the lot got it. We to him buffs. We know the value of location shooking DO



No deaths. No births. The whole world hung suspended, waiting .

THE MADAGASCAR EVENT

BY ROBERT HAISTY

totally unseasoned reported

shake your precious copy in doughnum and guiping cold acratchings. Je estrus

could still hear him writing at

height as he entered. Sure the should have done something about it hours ago. It was say to see that now But what actually? Call the Hessio? Clinist

"Uhh about the obits Mir.

Thompson—
"Yealt. Where the hell are fley?"
Thompson was sontpling on his yellow pad and soarcely looked up when Mark oams in "You're on hour late with am.

carre in "You're an hour late with em Wynethe". To Mark if was entirely as if someone else's vacce responded. He was numb, and frozan. Exan his checks were numb, and regid. The about or bear to work the regid. The about or bear to work the

said, Tim afraid insbody dead yestenday MAPK'S CHRONICLE

The First Day. It wasn't as bed as I had thought if would be Thompson choked at

thought it would be. Thompson pholes at first and grabbed at his chest. He told me to get the hell cull no cloth there for any goddamn correctans. Then Thompson called Herby Squires at the Star. And the hospitals. I was right. He

arything leafner He Mindes includy over his his second of the second of the second of the No. I the leafner of the second of the second of the his his document of the second of the second of the his his document of the second of the second of the well-closed West second of the document of the West Closed West second of the document of the West Closed West second of the document of the West Closed West second of the second of the The Second Day It is worldwide. These we been no tet this important of the Through Perse growing Trading aus.

been no tertia regorated refine? The Thriti Clark Price growing "tresting aus persided on the major makets. Dut down rever a fundring bursts, Most cathodis dispersion of the control of the proper threaded in 17 Mercia and also Bays nothing to be feligiered about. We don't understand by but discernible there are east praintife explanations. May be the down of all thread in Pringip groups forty.

down of a new era. Fringe groups say forty days to the end of the world. The Founth Day: Not much else in the news You get used to if. The creepy feeling can't

go of lower Former—what a first and consultation of consultation of the first and the same first and consultation of the first

heartheat does not respond to stimuli,

seems to require no nounshment at all. They other side sees use, but would you morth to go annual lies that former? How morth to go annual lies that former? How do we know it is former? It has formed also. "Whe must wait and see what hispopers." This argument seems reasonable to me, What can in half to wait? But Annual strongly with the Columbiants... "Who can half to wait? But Annual strongly with the Columbiants... "Who can contain the found to the Sole, for this contains a seem of the seems of the seems

me. Wall can it half to wal? But Am is strongly with the Coustreams.—Who is knows what it may ultimately do to the motivate haush—and the babyle for that matter? Who knows if it will end? How long. In this should see well? If do not have the answers. It have only a vague thought that given in what the most property and habbyle was should be well? If do not have the present of infinity in which baths and doubtle saw suggreeted of infinity in which baths and doubtle saw or allowed it follows that this pranagement will also charges in a fallow years? Perhaps over

Change. In a credin years? Perhaps even a 1980/?
The Swith Day. The burn wolfers and the drowned and the offer who have lost too much blood—they filtre hospitals, remaining in a state of hiberhalon, just like the

Panic growing

Trading suspended on the

rnajor markets
President on TV twice a
day Says nothing
to be frightened about
Fringe groups say
the end of the world 5

cesaroon battice until they are revived with oxygen or plaams of medications. But the number of insersaid, as declars are calling to been reported in series also open as the been reported in series also open as the been self-great ground, but in every case the soften has one can go of the littler states. There are also bitcome number of unnacematic experiments with being of thy-

code discribing audit.

This Reservit second Day These has been act in the to pursual entree. To much in a contract no in one or pursual entree. To much in a contract no in one or and one of the contract no in the contract

that bother them. They say we have only personant, he could cake the above their meanment. The many have paned their meanment. The Tenty 49th Day. The mankets have specied again Day stock crashed Airment of the property of the property of the property of the property makes and windparent were use sharply story.

Then drugg ecolemed. The safe of praisfers are transpared in the approximate of the experiment of the praise of the safe of the there was a point on which their report opentions are the safe of the drug williams or a condition and praise segment to feet the ending and popular segment to feet the ending and popular segment to feet the ending terms and the sewers but are applications and the sewers but are proposed to the sewer but are proposed to the sewer but and the proposed to the sewer but are proposed to the sewer but and the sewer but and the sewer but are applied to the sewer but are applied to the sewer but are applied to the sewer but and the applied desidation.

The Forty-fest Day. Well inothing happeried live counted right, we should live heads by new. The large groups are infiguring 1 noticed an nem on the wire service loday about something called the Moses baser Effect. I don't think we put it in the

The Porty second Day. Who has ever heard of the Mesichause Effect? The Nobel committee must have They availed the quy the prize in physics in 1906. Thompson disclose in the Day-found Day. A graduate apparatus.

against this area above the Machanian Filles. It is based on the evolution and the machanian of the machania

could observe greatly enhanced absolption. If he arranged for a Doppler shrift by moving the source relative to the obsortice even by so little as a few millendests per ascurat, he cruzil dissue the absorption to be mississatify decreased. From the way the reduction cooper, we can declude a great many things about the structure of the mississal and he position of the active "That is the Mossbauer Effect I said secretly hoping I could explain it to Thompson with some essecutable decree of

bodity
That was the Mössbauer Effect. It sistant said dryly
"Was the Mössbauer Effect." I said

was he sessioned their Table, butrecting mysel. Improve That can only mean there is no Doppler shift. The Mostbauor lines are so sharp we used to be able to see energy shifts as small they would conveigend to a semperature of one for milliorth of a degree. Now there is accretions during with the Doppler shift.

abhering humy with the Doppiar line. The is conveid up.* The Seemily-shad Day. Appearetly, the graduate assistant was right Scanfatts all over the world seem to agree. We are at a nodal port in an extended geoperated them way. Which is another way of saying we are an intermediate etop for some kind of space voyagens. It is not entainly as physiciatis used to thesis it would be, and there is costal used to the sit sould be, and there is to see the seemily seemily seemily seemily seemily seemily.

cats used bit her volust or, and she is no way of failing whether it is permitted to, if not, how long it will last it could all end in the had marked Sory-Atra Day Suddenly it's summer and as beautiful again I don't look how we got findagh the writer Mostly With Layou, I guess. And that was only the fast writer find to depth hundred mist.

laset below. The Mostbauer measurements are hard to dispute. Ann was right about the cesareons of course as the women everywhere have land realized. If I could find a preparate

course as to long realizar woman today or front page

The Three Hundredt Day Scentring big has happened We felt the vibritions feet hallow second the world Communications are set sketchy. The tirs seating bytes show it as a write tibb in the signor where Mustigraciar should be Piccs in the asset reported a water farmed 10th opened the cream fee miles down all the way to the bottom One of their claims to have seen.

the dead in even and the second of the secon

we yellow paper? Roger Foreman was on his way back from the Color matchins, and his of must have noticed something about the less way? I was tooking. Roger is one of the old thands, and he can put a story bogothal ten a mosquito belight and a chipper egg but limit them if floor that lend of skilling for the limit them if floor that lend of skilling for the control of the control of the control of the ten a mosquito belight and a chipper egg but limit them if floor that lend of skilling for the control of the control of the control of the ten of te

but loor think it look that kind of ability for ag him to see there was something tembly a wrong ins "Hey Mark..." he seed I hadn't noticed

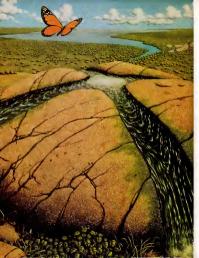
te was behind me and I jumped as inches. "Its over Roger Like somebody pulled the stopper Hundreds are dead Thousands! And some of them see—

You bester get the in to Thompson. Roger snapped it believe and headed out in a run. The deadline! There was still time "Me'ire get obtwente. Mr. Thompson" I should als I numbed the porter to he of-

wend thing is, it is like a lot of them have amadity been deal for a long h — I stopped because Thompson was not these. Only a challey skelenon in roting shoulded garment's was sprawked in his other, with the bony lingers offi culturing at the sto case and the gener weekhalde in his the storage and the gener weekhalde in his

Rogerhad come up beside me, and afte ammula ha said. "God there's going to be a lot to sort out."





THE EYES ON BUTTERFLES WINGS

They wanted to break free of this controlled society. but fear kept them all prisoners BY PATRICE DUVIC

verybody set and waited. Maybe the butterfly would go.

The butterfly with the eyes on its wings, watching But, deep inside. They knew it would stay. Or would pretend to go away and then sneak back, unnoticed So they didn't say anything. Dight even talk about something else

And were ingrisered that their elence would give away what They tred not to Surregular More Princip gouldn't keep themselves from watching one another Asked at me? Why is the thinking? Why won I he stop thinking? I can won't be STOP tomista? Why can't I stop minking? Westring one another would reveal too much. And without

themselves be hypnorized into oblivion. Oblivion was safe, and after all tomorrow would be another day

So did they Arweay they didn't feel fike talking any more

pease, and calmost does, but it doesn't it slackens, pauses, and then starts again. Over and over

He was no the next of waken up, and images were still Imporing before his eyes. Colors. As if he were in deep forest And under the trees, flowers that were not really flowers but more like butterflies on a stem, butterflies made of feathers. He tried to stay asleeg or rather in this state between sleep

and awakening. To remain in his bed for a while. And to To remember a dream, one of his friends had once told him. get irapped by the scene that comes next because then

slocke sett brod gust very apon that you're wede sweake and the whole being positive that they were deceying the butterfly or that it you've got that sust go on backward, always backward My boudder north I'm wallows in the forest inniums for some kind of cassio. No

In fact, it's not exactly a cestle, more like a very large house a colorial maneon bull somehow very Arabic. Archee colored bles arranged in an introduce Escher pattern underfoot. Nearby there's a swimming pool. The water is green with try floating plants. But they we emphed it. And the ladder with my balloon. I often do. And I'm telling myself stones, inventing magnery advertures. Can themember which

PAINTING BY BILL MARTIN

I'm a kid, and my parents are up there, in ing, worse and worse, and I don't want to sump to patch hold of the ladder climb the adder, and walk to the house, to the filed bathroom

The concrete bofforn of the awarming It wouldn't show And I have to see Wekn up? You know what hard of dream

it's not just a cheam, and you're going to wake up and find the sheets wer and gold asloop, with a vague memory that held been dreaming. Pretty agon, Bough, he couldn't say what the dream had been about Just that there'd been colors in it After a while, he wasn't even sure of that, He got to the kitchen, put some water in a

lattle, turned on the electric stove, and open window. Who knew how long they'd And how meany were stall in it, behind one

piece of furniture or another told on the subject of butterflies, the sort of rumors that no one really daired talk about

ries apreed so easily But they did Supposedly faken from old entomology

Wee there some legitimate reason to try to learn more about insects? For what reasoms would one be interested in entomol-

were reliable or not. They sure looked like Anyway before they all died, when you

least cortain species of bride did Be-

So to protect themselves, the butterflee. it was ust some land of Darwinson selec-A apparrow would try to catch a butterfly and suddenly find shell faced with an really be an eagle, just a small butterfly protending to be an eagle, a butterfly with over on the words. And that word of hydracily would survive and reproduce and spread all own the world. Millions, billions, of but-

Butterflies you see really had a knack

pocket, he found the carefully folded sheet

only problem, because before turning into gaterpillars that all their gross as a plaque beginning, they were very effective

nice seasonings, I'vey became addicted to needed greater and greater quartities these very high concentrations?

The highest concentration of posticides

resembled the lands of stories parents at

soup, if you keep on being naughly the

There were strange and terrifying stones told on butterflies, the sort of rumors that no one dared

talk about but everyone had heard at one time or another 9

And you'll be very very sorry "But there I be not though e can do it I be too law. Well be very sorry for you, but #1

"But Daddy, fre butterfly won't know if "Oh, he'll know You see, he's got even on But grown-ups are no longer kids. And

human brain and for a patertalist to survive Unless they get help Now sometimes when you need help and over if you're a butterfly you'll find they've got something to own from it.

to gain from timbeed.

of paper He was supposed to Xerox () tions. To spread revolutionary thriking all over the world. He hadn't even read a part. A year earlier, when he'd entered the Movement he really hagn't been able to wall to read the things, would even take rasios to read them as soon as possible. To him, then, they had had tremendous impor-

Nor for the meetings He didn't even know why he was still presson that they never led phywhere expert to more meetings. Meetings that, We sentonce, as soon as a bullerly appeared

Strange shought, but, in a way we made need to believe that they're watching us and wold be they'd be very drapcause it confirms our belief that we're important, that we constitute some Aind of a Maybe there what the butterhas are for

that we can be dangarous to the Estab Enfernant So that we go on doing the same thing that we've always tione! Tenny Xerox

The problem was he didn't know what else he oculd do the leaflet hidden in the middle of a bunch

for that time of day He decaded to come "No, was! I'm nearly thiched Five minusen mirroret. But if you re in a burry, you can make your copies now I'll wat Really "No, no hurry But I've got a lot of documents to Xeros, so you'd better finish yours

This Just a little too friendly, and there was

He didn't know precisely why but there was something about the guy that he didn't

too much interest and currently in his even He made you their of a friendly scade of Especially now that he had made his decision. The next Movement's meeting would be the last for him. And the tracts he people willing to help you. Especially when clandwine Xeroang it was precisely this last time that he got mip trouble But he had to do if He dight want the to spy on everyone. They'd have something ardice. He wanted that to be guite clear in fact, the ideal would be to make a huge number of copies, ten times what they asked for two hundred copies-throw

them in their faces or tear all two hundred and do whatever they want with them, bethis take what shey've written and make cor-Hard really like to do that

apart in front of them

Accusations, apeaches on the Right party line, on the dangers of political heresy, the

Establishment, the clangers of leftism Might as well talk to a brick wall. Endless of the judge, always armous to find you quity. That processit was what made han

sick. The more thought of it made his stomach twist. His throat was dry He tried fribiuss wollows of In a way the Mounteent (boice almost exactly Me the System Menery?

Towns to protect steel, to go unregional me Movement begins to resemble what it's Or has it aferson boson that way? Was I sun!

The idea made him even more uneasy of ocurse, the inendty spider saw it wrong with the feating

was a mateive. He knew what the guy Think! Topen the transom if you ditelp me move that case over them. Edicimb on it

Are you sure that.... Yes. I've got more work to do in here this alternoon. And if there's no one to help

"Disay I'll help you." "Thacks" Open the transport. It seamed more exit more Eke a nightmare. If he opens the

butterflies flying around them. "Oh, butterfree!" The guy was onperced. "They to so beautiful aren't they?"

So beautiful Those colors-"Creenmen of God Angels You know, I neelly think they are Guardian angels.

follow the right path. We're all sinners, and to us if God hadn't sent them to help us?

destruction Volumes, murder riots, discrdec anarchy "And they're so beautiful I can stay hours God: HE watches THEM! What did / do to dresecus HMC He's vasage-

His eyes were brilliant with inner conviction, with an observative draw. Probably the he was happy But his eyes were just too

And he laves the bullerflies min patithers to watch us, to say on people

But people loved God, didn't they? about it. God is the ultimate dictatix, his him Sweet suphemorn) anyone, whonever he lives. Even in death you can't escape

where he can impreson you former Am / maily sure / don't

In fact, police states use that recemblance-mercry again?-use our superathon to control us, use our lear of God, even if it's so deeply buried in our brains

Butterfield everywhere. The Eyes of God in ther 'Cooler, ion t #7'

"Excuse me I'm rust---" "I seed, Copier isn't #7" "Yes indeed. Yes

But I gan see I'm interrupping your thoughts. What were you going to say? No, nothing I was just, you know thinking about what you seid, butterfree being

angelshouses we know they really are Mary people don't like them are alred of them. from them. I've heard stones you wouldn't believe about butterflies eating people. That's abound They're so besuitful and they leve us, you know they really do "

Like God does butterfies too I didn't feel right, I wasn't with my brothers. Life didn't have any meaning then. And I even thought of joining movements Jesus, he knows And I can understand why people do that I don't they don't know the truth. But I know the

only Trush. They're all out from reality all of them, imprisoned in their googon of truth



"Well, I must go now." Nearly crushed his ingers, put something in his hand, and left. "Good-bye, Brother, and don't heastale to call on us." He found himself alone inthe photocopy

He route immed above many protectory com. He and the Xerox machine, burrounded by butterflee. He was on the wage of a merious breekdown, all workloaing why he dikept ha mouth shut With all the shifting buy had been pounding at him. He took the thing that the guy had allowed in his hand a shire of pages quite.

He took the thing that the say flead appear in a hand a shend of paper quite exiderly a Xerox copy of a leaflet, a tract. The trendty spicer wise also using the machina to make leaflets. That was probably flump but he didn't leel like leagning. There were now at least twenty butterflow in the room. They might have dripsed this in the room. They might have dripsed this

guy who loved them so much but they hashn't They'd preferred to stay obvootely hey'd preferred to stay with man, a poor life is slow with his problems and who clin't leaf at ease. They were so full of love that they couldn't losse them slone. Proposity wenned to show this has way to God, to the unmate Turn that would god, to the unmate Turn that would to...

change his life forever. Shift
He dean't know why he did it Just that he left terrible afterward, twintide but better All he bendon released suddenly gone.
Everything had added up logisther. his

guit treasd the Movement: that guy who coward so sated out with the Mystern, his fear and the butterflee Sutremy all secund then, were whom he was all the point when he sould have made the copies anyways ever with the buterflee. Invalided of them, whisters the consequences right have been just to prove to termel that he wouldn't list into perences, let passions get the best of him. Butserflee put couldn't the best of him. Butserflee put couldn't he

sead, even loss when they could see just the back of the leafer. But they just wouldn't let him use the photocopier There were always four or him of them on the glass. Watering, making fun of hem with a plass to shoot them away more come.

Always the same hypnotic movement. And they wouldn't leave, as if the situation ansated them. He saw temest, as if he were someone elee, tid back the flap. Orash the but-teriles under at the banky proceptible roug of the outsired intotaxes. He distributions

Piem escabe
Set the awach of the copier on "oolse"
And presend the builton A flash A copy
of the dead butterflas went out of the ma
chine. The eyes on the wings, the yellowgreen spisishes of aqueeced abdomins, a
wing folded, as if one of the builterfles had

A very impressive intage. He made one more copy, then another then too more. He third the flop, put the leaflet very controlly on the deed things, and set the mechina on "automatic." He set and watched the copies coming out. Thirds tools, schalloods tchalloods.

tohak. It looked like an animation film, as if the butterfless ward all allies and trying to escape from the sheets of paper but taking Try and fail. Over and over.

If yand sail other was in more paper.

After a while there was in more paper.

The inachine stopped. The Xerowed butterflies froze forever.

He wasted for the guy to come back and
selfmin, for igfthing to strike him. for some-

kellihm, for lightning to strike him. for something to happen Northing did. So, very questy so quietly it surprised him, he took the dead butterfles, put hem in an emelope. Ense it in the inclinariation cleared the glass, took all the cooks with

He woke up screaming. And this time it wasn't difficult to remember the rightmare. The triages work

deen frough, at lind, they didn't soam to with make sonse.

He was wolking on a transparent glass to aurisce. It was huge and reached to the of

He didn't know precisely
why, but there was something
about the our that

he didn't like. . . There was too much interest and cutiosity in his eyes. He made you think of a . . spirfer.

for the form of th

was a bibsing light moving forward and back, forward end back. The sky was uniformly red, aways for a yellow cloud with a bleck lining. And the cloud was coming in his direction. There was a vopce. Not a vopce of trunder but a X

We now have all the data we need to Xeros you. And that's what we are going to do, make a copy of you, a free demansional copy And no one will ever notice the difference. The only person who'll know the a copy will be you. But you won to what a copy will be you. But you won to what.

anymon
"I won't be a pupper or a robot or a
combe. I'I be something more and something less. An image.
"And, part like you, this image will flink,
will love, will exponence yoy and flar? And
the flunch will leve the alriad to

be replaced by a copy"
Very's But why"
It's whole body was covered with await
Drops were falling to the glass surface spliashing green oly splashes.
The voca answered. "Change is Evil. That way things won't change When everyone has been copied, the world will be partied, a world of images in which no one will die anymore. A world that will last forever?"

in which no one will die afrymore. A word that will last forwer?

Then, more clouds came over the horzon. And suddenly all the sky was like block nubber alg gamo fao that was grong to cruss herr aggenst the place surface. And this flag was made of butsettles.

billions of them, with eyes on here wings. So he timed to escape, to run away Asmied in a deep forest, a jungle. He knew that survive the limits of the sorest he would be safe. And he came to a very small permise willage, just a gothering of hust. The people were mit he village active. holding a mosting, He knew these people were the last linicals. And he hought that he

hoding a missing He sinew Thele possible were the all prises Annhe hospitch that he englid blade at leve photosis of them and of the single He portract his carriers. The single He portract his carriers in the population of them has all the single self-record and the single self-record and single s

A title away from the meeting a man was string in front of his house. He werheld to take a picture of the man's face but the man's book was humed. He welked very query sterrily like a telline, so as not to legisters him. Then non aurphing him and took the section. The man didn't have the

wilage

tree to hide his face. In fact he didn't even by to Just emied. Then came understanding and fear The man was himself, or rather his double, his manor image.

And he thought: "Now you haven't got a soul any mose, just a Xerox copy of a soul." And that a when he woke up screaming.

your double just before you do: Or reflect that all through your file your double is post of you, and that sometime, before your death, a month a week perhaps a ten hours, he goes away. The printers who were atriad of the

In a way we share the same feer. No width doctors any more. Computers. And we're alread that a computer with ge in accurate image of ourselves. Yes, accurate amough to be used for imitative mage:

No more dolls with needles stuck in them. but meaned choose, video recordings, perforeted cards, date banks

girrang of the meeting, in a guite awkward way Rased his hand and said. The got something to tell you about the butterflies. I we been thinking, and-"I'm sorty it's not on the agenda. No unscheduled matters. We can't afford to

be ellowed to continue this meeting. So pnortes fre. Chay?" that, of course, there was a butterfy in the

hat was the moment for which herd "Wall, as no one seems to have anything more to say maybe I should tell you what I want to tell you

Amous gimpses in the direction of the (vered his speech like an automaton, very 'As I tried to tell you a little earlier this evening, ive been thirleng. You probably know that bullerfless I mean person spe-

to have anything to do with you. We clos? Neither do I. But I won't shut up. Because I'm not alread of the butterfless And I strad of them, and I don't think they re soyafraid of being screet on, when we give of that specific smell that says, T'm afraid to doesn't need to spy on us. It just needs to

Now when you're engry or envious

the that, you omit a very specific arrell

have us think it's soving on us. Because thing, don't even date think "And these eves on the butterhes whose

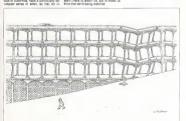
"We're just like mice, hypnotized by a analos, waiting to be devoused good speech, but he'd hoped for some

when you clor? feel oway and most of the ely the way it is, and you want to change it. silying II was exactly like addressing an to do something about it. I mean meetings Well sorry to have upget you it's been a anywhere in a way you re frightened hand day Good-bye Right? You're filed with anguish, very ex-He went to the door and opened it. No

offed, and distressed. And when you are ferred to have them attack him, even kill firm, but ironically enough the presence of Stut up You're insone What do you The room must have been strking with anguish and fear and halred, because the

> Some again I sust forgot something He tossed all his leaflets in the middle of the room lowerd the owing, closed the He didn't know what he was going to do

> new, or whal the future would be like but he Not a single butterfly followed him A wasp did, though But maybe it was suit an ordinary wasto DO





The invention solved the energy problem, but if took a sea captain to solve the inventor's problem

OIL IS NOT GOLD

BY SAM NICHOLSON

admit was pating myells on the back when I got home bone has anneals. The I place stapes of a few toes and blooded a few nose—I have sleaped on a few toes and blooded a few nose—I have sleap stord blooded blooded a few nose—I have sea or in space—but the Company subordary Space Win-right. In the slead up to be follow others with of metals of the sleap of

Operations ordered my to New York from Space Minings Assembly Launch Complex at Cansensal 1 desumed my off for york worked to take soundings, as usual 1 bargad rist his officer—and frought of oth Mickelberry was giving mits south and after smaller the weverdings to the fost seat.

I eased my bulk inforthe work wooden chair and wasted the claimed his threat. "Castian Schuster the Company is not exclusively concerned with dollars and cents." "The so?" I said gonally he interpreted this as of year? and got his proched-nose succeior exchassion. "In both documentments." —The said.

feet and the space metals—we must maintain our image as a sold yet progressive and tail-minded organization

PAINTING BY DON DIXON

mar this image. Whenever Mickleberry started talking image, he was leading up to the fact that if tend to shoot off my mouth. I complained, "Jesz, MicHaberry wa've been Brough

Not this lecture. Captian Schuster Your recent space explois have made you a special-interest groups are highly amou-

late and able to-uh-hype they critics to He put his lingertips together and confinued. "We are living in a sungle of intolerart mnorfes who effectively deny free speech to everyone but themselves. Recently, Captain Schuster you have been voicing contiers—T/And World antilinos—(at

dames in pents-and the Company has been under considerable pressure to tre-Okay tre me it wouldn't be the first

entering the gate, so a searran was working His blue eyes were cold. "Neid to minor you, Capture to employ the secret weapon of the Sifert Majorty-namely silence. which presents no target for-un-hyster ical yapping while it courts its power at I thought this over I personally got a charge out of moing it up with the year pers...but I did not want the Company vi-

clously arressed or bayouted Microberry went on, "If would be best if months-and frendom we are taken you off the apace-mining projects

I told myself Mickleberry had opened Good News I growed: "I'm gorna be work-Not expectly on the new capture. You recall five experimental tank ship we char-

tered to Taccon Oil, specifically for free M490012 with the officer, and continued topade to I had been in space when the deal was the skipper's quarters, where I really bemade, so I was not up on the details. As I understood it, a scientist had found a way

control to convert shale to a heavy liquid at Of course. Taccon had their own worldwide fleet, but they needed a different stronger pressures tank circulators to

keep the slucion from adictiving it was us then fow thickey one of their own tankers from profitable trade Lasked Mckleberry "What kind of chanter party? "Since the Holman is experimental, we

However, they take orders from Taccon, and a dispute has arsen. The Holmon is now dry-docked in New Orleans, and Tecnon has fired our skipper

"Can they fee him?" berry tore off a memo sheet and handed it

hours. Pick up your ticket at the artire I just sall there and ewed Mickloberry "You want me to maintain a low profileand vovite sending me to targle with a

trole-deging, public-be-damned, procgauging oil company? Mickleberry smiled his pale smile.

The ship's agent met me at the New Dr-

able distance to the dockyard. Mickleberry had been manformed on one port. The R T Holmen was not in the dry dock but Mongaide the dockyard over The watch officer at the top of the accommodation ladder had spotted the can

Thist it should happen in America--- I think that makes

free country-but who is free? Nabody who buys

oil! There is no Congress -only an oil lobby! There is only oil-oil?

on the clock to take my surloase. I thanked the agent for the ride, climbed

would not need to grab for a apace suit. named Cummings Scher-faced, somewhat infleshie-but I had approved Mickter I figured he would loosen up as he be-

stood up when I appeared in the doorway

table in front of the settice held a ploe in an. ashtray a half-filled plass, and a turned-Cummings followed my glance and

arriad, "Or Von Rengted acid when the the gate

"Flew the coop, hey?" I commerted wonderno who Von Bensfed was A qua gets out of touch in space. What's fries accon hassie all about? "Whild you like a drok? his a long story "Fine Make # a long scotch." I gnrned

When we were sittled comfortably with When the ship was chartered to Malverde "Malverde O1?" A Taccon infermed any Malverde was to

pump up the liqueted shale and sel it to Taccon, who would sell if further-Japan. Direct. Which company owns the converter

Tappon. So the oil would go from Tappon to Malverde to Tappon to X-1 "And to Tacoon again?" Tiventually with a cost jump at each

level. Everything worked fine, at first Wo delivered a couple cargoes to the Teccon piec here in New Orleans-and from Too-"They don't ward to marker the oil The

world is glutted with oil. They wanted to make sure the process worked-end then he it up and sit on it. But they hadn't expacted Von Reinstad to deliver the goods So Von Reinstad was the scientist-

inventor "-and the Holmen's charter had a long time to run. So Malverde put us into the crude-oil ring-eround-e-rosy

"Which ring? "Off, we'd pick up crude of the South American west coast, discharge if at the crude somebody else had discharged

carry if through the canal, discharge if at some Carbbean terminal, pick up more crude somebody else-"Alaskan oi muted through Japan?" Hell nobody knows where the nazzledecide begins or ends-except Teocort

Schueler-you know the drift "Divay so you've been ferrying crude heavy crude. She's only rated for dirty cargoes.....and Taccon/Malveyde have de-

cided to put her into the higher-freight clean. They told me to dry-dock her for tank cleaning and they sent along her peet charter-high-grade retried "Her tacks are probably gummed a foot

thick. She'll never clean up enough to pass inspection Malverde saxs not to warry about the

make your Mantacin became to one a pirty nut bucket in the clean trade I fold Maj-

I could not help saying. You protested too quick about the clean charter didn't you? There's nothing illegal in dry-docking or tank cleaning. You should have let Tabcount to the same of the superior—and their relused to break the relevant less: Well, I know the coold-have played of their way. I know the coold-have played of their way and the same of the same of the same of pour and the same of the same of the leasing crocks right down to the were and pushing them own. The inspection know you, and they'd just gat a laugh out of the

state. But they don't know me. And the ordence of the clean charter and the impossibly city why would indexe that I went along win Topcon in their hopes of disching win the respection. I fell that to retire my own intentions clear ingolf at the start. "Now must restruct, Captine Benating that you can get sevey with a lot of stuff the water to be of our couldn't have a hope of gring of!". An largy comownal in thoubbe and under the Hawwey if it hand for a givy a make insul-

gent decisions when he's up to his needs in crocks. He was going on, "What bothers me most is what Taccon has done to Van

Perintal "
"CP2 What's that?"
Well, how's a genius with a solution to
the sharpy problem—chasp instant of
hors the load postors, with a minimum of
horse he load postors, with a minimum of
handware and coary transportation. And
faccon CI buye all legal rights and ont on
other! With Remistal could gave his bissprids weap or the load page of the New
With Timas—and religionly could use them!

Fore Times—and nobody could use them! He's being throttled! "Get Von Reinstad up here. His dinnk is about warm."

sixed. Toolse? The et cleer has sounded And Castain Seturate can it start to see a drikt get wern. He smell, the good of the the smell, thing up, and said. The doctor may not be trained. He saige mostly on the state or, mostlereng the clambar and sea-battom equipment, left got the sleet sea-battom equipment, left got the size. The windows to for shall all only the seathey would go to that length—tighy the only mostled to it.

reseased in string his measure—but its an indication of his degreesion. "He might tak more heady if I weren't around," continued Cummings in sing from his chair, "so III just go below and discuss some things with the chief anginuer." "Groud date," I meallowed a stuc of

sootch find weited for the inventor.

A pay whose sent has been problem is a patriatio sight, further Renntald was tall, thin, gray-harved, with dark, said eyes that should have been fasting with misenably or activated or whitever the poster-upg side in more than the control of the control

pecied, after hearing Cummings talk about me. We shook hands sat at the table, and teethaned our dinnis. "Captain Cummings has been very kind," said the scientist, with the barries time on the ng-I would go entrely crazy-so sometimes I come about his history. Ye tamped the pice with shaking lingues. I have a-- a monomers I think I have been cheated out, as Mr. Being says I am just a little crazy." Who as being?"

"Who a Ealing?"
"The dalls himself a operdinisor for Maivendo Off. He is a buci—an enand boy between Mellers and the shakin of the keeps an eye on me and the shakin of the case a monomen or stoldages a useless invention."

I could see the guy warted to talk, so I warted while he got the pop stance He puffest it and went on, "Ealing can explain

4 We set down on the forward

—and I want my invention to be used, not suppressed But Earing says. Who is suppressing? There it is plain sight—

suppressing the first of the space special suppressions. He stay to be used when the time corres.

He laughed and dat sound a life coap. Heady water he price corres, a what he make? Taccorr is so poor, Cagtain, you wouldn't believe held even a cort port did they get at the gas pump! But how many corre between Assis and Lagran are factors and Melwerde and Taccorr.

But they cond they do with their profits?

But the good help do with their profits perseanch—list plaborations—listed between listed fation—edite—beauth can give you chape neight good? Not—can give you chape neight good? Not—do must be tomorow when the process that they do in squares and of purseance.— Their is should happen in America— Their is should happen in America that, that misses me chapens if A free hours of them in the Congress—only should be provided the process of the process of closely their is no Congress—only should closely their is no Congress—only should closely their is no prosider—on shifting the properties.

less—no courts—there is only of—of of—if "Well there's the Silent Majorby" I into-

posed

The stence No tolegraphing punches until a fleghtfalor sands the yeapon to the carties. Every action, you know has its reaction. And when 200 million ted-up people finely meet, Taccan Oil world know what his own." It hope I live to see the day!"
A snowbod in het had a barter chance.

Integer law to see the day?

A showball in his had a butter chance to but any rote had cheered him to lead to "I'd kinds kine to see your invention. Dotto: I'd don't understand how you can make an air chamber out of lines of force.

By a linking of moteouse. The field makes a woll of solicinal water.

I indied my dank. "You man so?"

"Caption Indicated and Treating and impropriate common concepts. But we can took! lood without heat—by month while this induces involve every. And we is can solidly water without codd. On the chamber walls are very dementary And since we know how to rearrange molecular latings in a tonor field, we can do many

hings, like liquelying shale for oil in a moment.* "Mind making gold from lead?"
"No no. Caprisin For that we must rearange atoms structure, on inhinely more officult operation. I would like to shale on my shale conventer, but you must ask Min Ealing. I no longer own it I am only the

"Men can I get held of Eeing?"
"My, I believe In was 10 como to the arts, which is como to the arts, which is como to the arts, which is compared to the compared to the arts, which is the arts, which is the arts of the art

and Captan Schustet Mr Entire Is not to sole you.

The charter party was 581 on Curming is east. I picked it up and earl, Chair, sharper, while seekly be him.

When Estan portent the office, I not seekly be him.

When Estan protect the office, I not seekly have been produced that will the entire the government in pickels—Implementation of the chartery sharp but shattery They were not well past, a since double-well-ability in not pickels—Implementation of the chartery since double-dealing in not a mar bell him at

can demand good indexy. They ware guilty and good and always girty hang over from the three-matrix such. They beasted about being in oil of "with "accord," and according three-best, usually tring five the object of the bit, persist as it is made to exist a series on board as a meetine. Eating was typical of the bit, persists as it is made staged. The bit and of the considerate and give me accuracy handlands "Good to that the dry beared the asset." "Read—but it accord could dry be and the asset." "Read—but it accord could be only the consideration of the consideration of the country that the cou

"Yesh-but Taccon could've gone ahmad and cleaned the tanks, anytow "We should clean sanks for the Company? You're a real gas, Captain" He helped himself to Cumminas's "nonhelped himself to Cumminas's "nonble. 'Why all the hoo-hah about a rerating?' Tenkers so from dirty to deat, every day in When they re in a condition that can be cleaned up enough to pass inspection.

that concerns the Company Not anymore. As the charterer Taccor 'Yeah " I scanned the fine print confi dently knowing Mickleberry had but it to pether. 'As long as the stro is used for the specific purpose of carrying dirty car-

"Our lawyers can talk to your lawyers." "Nuts. All we have to do is call the tank inspectors and blow the whistle He gave me a fishy grn. "You'll never

make a milton, Captain, if you take that "Life is more than dollars and cents." I folded the fine-part pages. "Mr Ealing, before I fly track to New York Tid like to see Or

Van Reinstad's invention." patcher Thurs's always a tarker heading past the rig, on her way out from the New

"How about a helicopter?" He heutsted, and the corners of his ters. But he said, "Okay At the Taccon pier,

tomorrow morning is the old girk coming You view Dr. Von Reinstad as an old a do-e-yourself or-extractor that would

knock the bottom out of oil prices, and he selfs if to Teocon!" Eieling laughed heartily "And he sells it to Taccon The rext morning Von Reinstad and I met plant was need and polytion from byst like in

the aids. It might have been a cover off the old Sahirday Evening Post A twelve-man chopper flew us out with fiable, except it seemed to rest upon the

We set down on the forward deck and walked oft to the square. A coreman glowed from the diskness. I was looking nto an enamous, plassy-sided well that

hardware on the sea bottom Below deck on the ng were two gallanes rooms and living quarters "Everything is submanne and self-

Yeah, but if your force-field walls collaces you'll be flooded out!" I objected. are like space capsules. But for backup security, a water 1ght hatch gover doses.

"I hope you get the guys out of the chamber before you slam the hatch cover "It closes automatically This is a robot operation. Only rarely is a human being in

the chamber-miself-or a visiting freman," he smiled "Shall we descend to the Not me" said Ealing, "I don't trust those fuse blows -- and you've had it?" 'Chino Mr Enling "insisted the inventor "I reed in carn't visualize what could fail. In a

gigm precaution-I was willing to take Von Reinstad's word for the safety of the chamber Every link is biagned off from Canaversi in a specemining shuttle. I was taking a scientist's

word that nothing would tall And so far, nothing had falled Von Reinstad and I climbed down the gallery ladders to a small lift piatform and look the lift to the dred-mud see bottom.

I saw also that the chamber had a pumping system similar to a dry dock. Naturally after the water wall had solidfied the enclosed water would have to be removed.

when I took them away I commented. Yesh, you really have something have " He arried, " will show you the corool console. Captain We ascended to the lower gallery Von showed me what seemed to be several ziton microelectronic components

rizable patiern, like a peoboard with fittle gray pegs. I asked. What part do the pegs In an unconsciously proud gesture, he brushed his hand over the page. They de-

terrine how the molecular lattices, block that it holds water Suppose a peg was defective." permanent. If a pag were to be removed.

would be incomplete, and leaks would occur - the extant of the damage dependinc. of course, on the peo position. pasually unlooked, even though the ponvarier had been shut down- and the rip-

mg. Any unattended control system is , pocket. "Well Von Reinstad's kinds short bound to give an ingerious basterd ideas to get the converter rights back for Dr. Von Renstad

After lanch in the upper-gallery mass

room, Lasked Von Reinstad Fillhad portrio "Of course, Captain." "Oct a weeken-talken?"

'Nes we have miscommunicators. Cap-He pave me a powirfullittle box Tout 6 in tramped mysteriously around the sea bottom I sounted up now and then to see Ealing watching me from the top gallery

When I had him on the hook, I ascended to the gallery laughing to myself. "What did you find down there?" he demanded Taccon would have a fit if they knew?

eye I could see Ealing work up his courage i nipped anto the control room. The panel peg loose If ights flashed and bells rang Nothing happened-but the peg was definitely out of contact. Apparently

I legged it to the pistorm, called the lift back up from the mud, and descended Eising was retramping my footsteps. He said, "I don't see anything

"Naturally not. Metals are difficult to recograze. We learned that in the astercecks." The geologists aidn't find anything down hose but shale." They were only looking for shale-and the place is lovey with molyakte, the rarest Reinstad was crazy, hanging around the

not All he's weeting for is for you guys to go "I don't see anything-oh, God, look at the well his well "It's running down, all over! Lefs pet out Falmo stampeded to the lift. I plowed

through arkle-deep water and jumped aboard as he sent the Mt upward We carrie to a stop short of the closed took it from my pooket, choked it on, and held it to my ear Von Reinstad said, "Cap-

"Yeah, we're on the lift. How long will it 18ke7 Quintity I Islankert Von Bernstod's roots and continued taking to myself. "That so? I understand. How many days-?" "Days!" Ealing was shaking me. "What did he say about days? I returned the communicator to my

on spare parts-didn't bother, with the hardwara shut down-"It ain't all that simple. You oughtte undecatand, being familiar with Tappon/ Molyanda magations I mean you news capit afford to self Alaskan oil to Americans So you sell Alaskan oil to Jacan-and bring Indonesian oil to the Canal-and sell if to Taccon-and Taccon brings Peruvien. of to the Conel and sells it to Malvende-"What's that not to do with...?" We'll it's the same in electronics. A daisy

chan, like Now the molecular califran is Japan for the microdigital end then relumed to floaton for inspection before being sent to Seettle for the toggle splint-

"But there must be other manufacturers!" "Well, weeh, but like Oil, they re all playing patrycake in the same cartel. An outle in St. Putersiburg moless the same califren but they send it to Hong Kong for the microdigital and Sydney for the loggle spirs-But the water is pouning int The gumps can't handle it! We'll drown! For God's

salos, get them to break the deay chast!" "Break the daily cham?" I took a deep heath 'Yesh on shead and scream Break the daisy chain, you goddarnied cartals played with their disay chains and

The water may roung pretty fast I said. Maybo, if we could make it worth You

and puncil and sonbblied, "On behalf of Renetad at eights in his per chamber and shele-converter" I held up the natubook

Enling peered at the page in the wavery light from water-chatorted larring "flut I don't have any authority to sign such a

No agreement signed under duress is

He segned I tucked the notabook away and enapped it on "Dector?" 'Schuster' Thank God! We're check-

Reiax The only thing wrong is-Faing grainbed the communicator and yelled, "I signed I signed Get the parts-He was like a wild man, shakmo and

his hands placeed into the rising water. Well there wont the old half come. About a zilion microscopic parts to test out-

Ealing was attl rawing. "Damn you. Schuster! I'll drawn you first!" My mind was on some way of tapping a Morse message on the hatch cover and I was not paying attention. Falling lunged against me and pushed me from the lift I fell on my back letting the weter held. You see Ceptain, "smiled Von Reinstad.

of the hatch rolling back-

that own game. So when I heard you say Relax, and Ealing talking about signing something. I knew you had tricked him with the wall, and I went emediately to the gattesting-and as soon as the well spidfled spain we gould open the hinch." Tistif say your emergency system works

ass-backwards," I growled The rg crew had brought me up before I had gone down for the third time. My back was row and soff, and I felt wateriogoad. He had also dred the contents of my pockets, and I handed the blurred scrap of peper to Van Reinstad. He road it and arrived "Thank you, Captern-but Ealing

has already exclined that the supreture is True But fortunately for you. Dr. Von

I played through ankle-deep water and jumped aboard as he sent

the lift upward. Smins wailed -and the automatic hatch skid shut. *

sures. Now what you should do is him in curchase of any invention unless the consurred Traccon would put your inversion

into full operation. Since this was not done. the deel is null and void." "As recognition of this fact." I went on Mr. Ealed, in remorae and woming to make restrution before what seemed in-

evitable death, gave back your invention. The case will never go near a court. Your PR expert will sway public opinion to your side. He'll make you an effectively consnized minority Erraged sympathizers will stone Taccon gas gumps and lost Taccon stations. Anybody who speaks against you or mentions legal action will be viccously smeared and silenced 'And Teocon will the medie-nounshed tyrants, join 'em'

"Currenings had described you to mewith amusement. "No, Captain, you have how you played traks and best crocks at almady shown me where I belong with ness when you made me realize I was not standing alone. Two hundred million are all years, the of cartels will have gone to join the manufacturers of budgy when depression but I knew Big Oil would be

> Ealing stayed aboard the rig 1 felt he would not leave until he had conned the copper out of Von Reinstad, and I honed the inventor would not give if up I flew back to the Tappon terminal that evening. Someone on the no had spoud of the mode to the 'acodors,' end a gang with reporders was waiting for me-I causes if struck me the wlong way—tho

nods. When the media asked me to nonment, I blow my stack. I reviewed the whole record and went on. "Sure, the oil partels ate experimenting with other energy sources-to manapaize them as they've monopolized oil. In twenty years a person with order panels on his roof or a wordroll in has backward and pay more for suragint and I told them, all right I got the whole fring off my chest. When I had run down, the

media persons clicked off their recorders. easd "Thank you, Ceptein Schuster" and I taked back to the Normen and slept live a top. The next morning Loaught an early set to New York I did not bother to read a newspaper or look at a TV screen 1 know

Of course, I had shot my "low profile" all for me. I went directly to the Company ofnot understand it. At least a few of my old

never been spoken

as if it were sat another day and I were making a rougge year. I left my suspens with the mountainest

I aquated my shoulders as I walked toward He looked up, smiled what he thought was his approving artile, and offered me his hand I took if, muttered something, and

sank into the worn old chair He said. con is keeping the Holmen in the crude-of trade_and Captain Cummings will stay aboard. Your usual emooth, efficient work Cagnain Schuster I felt pompletely flummoxed "Then you're not sore about the interview I gave

"Interview? What interview?" He raised ness As Mickeberry says, if you can't best his evelorows and seemed penuinely surprised. 'No interview was reported—any-Von Reinstad's poetic eves finshed-w



When Dawson got back from his vacation in Florida, he was feeling no before He hadn't expected a miredulous cure in fact he hadn't expected anything. Now he sat morosely at his desk staining out at the tower of the Florida Bate and various' housen't supply the following.

Casuffers, his partner in the law firm game in and burnined a cigarette flou look lousy Fied. The remarked "Why not go get and have a dink?" "I don't went a chink." Dawson said. "Beledas, if a too early I had enough legion in Bonda."

The What groed me was —I clunto
"Great paychoses from little acoms grow" Carruthers said his plump
pale face almost too casual
"So one title and the control of the control

"You could be You could be Give yourself time. Why this abnormal tear of psychiatrists, anyway? I got psychoanalyzed once."

"What hap perver?"
"I'm going lowery a list if dark women "Cemuthers said." Just the same psychiatry isn't is the same class with astrology. Maybe you be your greatmother when you were softed. Drag took in the open. Action, as you keep thinking. "What tag teath you have," you'll owell in a mortes of mental mesor."

Tim not in a moress? Devision said: "It's just—
"feath Just—Listen district you go to college with a guy named Handiscko"

I multilimini the elevator last week. He's moved here from Chicago. Got offices upstains, on the twerty-lift from He's supposed to be one of the best psychatriats in the country. Why not go see harr?" What could I say." Devision asked. Tim not followed by little green.

THE CURE

BY LEWIS PADGETT

PAINTING BY MICHEL HENRICOT

Um Wel-OK

twerty-five-forty" he called- and slammed Scowing Dawson located his hat left

short for, cherutac men in breeds emergno from twenty-five-forty. Mild blue gives

Hollo Fred "the man said. Doe t know.

tor after twenty five years. I'm afraid. You look the same though Look I was set

I kept in truch Director said. Re-

You want a stylio diagnosis? he asked You're worned about cometting. Do you

desame? Each. The worst part is that I know at the

instantaneous. I feel very certainly that

a dream. And that really lim somewhere

Like the Red King? You think some "No I'm dreaming—this Dawson Viel Henricks and 'contably you

main thing is to believe in the dream while

regresseds. the whole structure collapses.

Shosts cufft stand light is that #?"

He knew he was lying close

against it, his nose almost touching the glass. breath, and the smothering.

dreary, somehow brownish odor of dearl files. It was snoularly borrid ... 9

Yeah Devison said. But there's some-"Tactile hallucemon? What does it feel

Cold and hard. I don't know what it is !!! After a long-moment, Dawson-said, No."

watch. Let's have a jury-ngged word-To find out the causation of your sen-

cleaning throughean a house regularly intuif a question of finding the cause. Once

dummy and it doesn't bother you arry

"I see." Dawson said slowly. "If I d been responsible for a mail a death years ago. I

Scroops is a beautiful case history Hal-

complex -- and atonement. He glanced at his watch "Ready?

But Hendricks only laughed Neural parplysis of the astral "he suggested." I m

Maybe So you we got a half-up netory day/freem cause you'll have nothing left to worry

Back in his office. Dawson stood at the in a law tym, member of a dozen objec-

divorce, amicable on both sides. Now it which would help him if the hallycristion

medical library What he tound only confemad Hendricks remerks. Apperently as

fairly safe. When he did dissociation believe they are acting rationally-and since so many basic motives are too hid don and complicated for uncommisse, they assign articlery meanings to their actions But why a dusty windowpoine?

Yesh Davison thought, thumbing through pages. I'll believed in this deam I.d.—uncot accordacy dejusions, I'd.

Id—ut)—each secondary deliceons I if think of a good reason why there was a windowparie. Chly there isn't any reason ubikly.

As he walked out of the library and say

As he walked out of the library and saw he stream of street Irafac before him he sudderly felt that he was disserting. And he windowpane was back again. He kind he was ying close against it his loce almost fouching the glass, whating

usus with every breath and the enmodering districts seemed to the class of was a regularly formed—the basing files it was a regularly formed—the basing files it was a regularly formed—the basing files for the hald serfering users for has well as useful or and the basin of the b

Obesion would now suspect until that threatful last moment between valeing and death, when it was too late to move the the hard object beneath has hard. Faithe reased at him, the about at the outb white and seeating. The uneasity of the scene better him was briefly shocking, his stood materiales, walking until the hestood materiales, walking until the he-

he lips light he halled a tax.

Two shift shots of wheeley were conforming. He was able to contemplate weeling on the curvent brest in habitity case which prosonted no difficulties. Carruthere had

presented no difficulties. Carruthers his game to court, and he dich tisse his particihat attention. Nor did the—helliucino licti—incur. But after dinner Dawson telephoned his

But after driver Dawson telephoned has extend and sperifite evening with her ara noof goden. He clean dark much He was trying to exceptuse something of the virtie routly that had existed during the early part of their memage. But he wasn't soo suc-

The rest incrining Carruthers came in perched on Devision's deak and cadged a cognititle. "What's the vertica?" he wanted to know. Do you have velocit?

Often Dawson said "I'm hearing one row Yours"

But is Hendricks any good really?

Dawson fall unreasonably implied "Oo you expect him to wave a magic wand? All

wong?
"Nothing much." Devision didn't want to discuss if He opened a law book pointed in

metchinto the wastebasket and shrugged Sony I dishought— On I im all right Hendricks is pretly good really My nerves are a bit sho Comforted. Constitute and economics

good natly My never but and the company of the countries. Somethers, say conserving and weet basis for the Dissensitives an page, read a few words and let things clase in the immining swright starting brought the mode laded aboutly studies through the words which starting the starting in the start is never the days are set of the countries was the countries and the countries was the countries and the follow wast begond if the books wast despited in the follow sear despite and countries the tradition the new end countries.

Dissect wed dream shoke.

I hope you don't there you're reTweedledum and scorntully.

He noticed that the amoke had charg
to caringe fame. The cystem caught!
Presently ha would walken.

Someone commend Maps Anabutter
secretary 2000d in the doorway point.

secentiary stood in the decreasy perinting. After that these was confusion shoulding and the spurching of a fire extrepulative. The filtence dead The smoke variashed (Ch. deer. Mos Anstrutter said wiping a smudge from her neer. It is belief came in when I did. Mr. Dawson. No. had your in when I did. Mr. Dawson. No. had your

a smulge from her free: "It's lackly came in when I did Mr Dawson 'You had your once in that book..."

[Yeah, Dawson said I didn't even concer from their speak to Mr Carruthers should frowing matches in the addiction.

Instead he tele
thy psychializet could
son passed the tim
g zie and at ten we

son passed the time with a zie and at ten went upsta Hendricks used stethor pressure gadget and other Well?

Sound as a nut et/?
A nut? Hendricks said. Come on team & What happened?

Device told him. Its tike epitepsy I don't know when I II have those dische hay we never leated long so far but they major. And alterward—the devan feeling amags over I knew very well that them was then the wastebasket but it visiant a real

The Daydenams are apt to carry over a better the control of the co

have known it wouldn't have four me it's desern.
Do you feel you re cheaming now?
No Dawson said not now ell cours it is only during these attacks ar afterward.

You felt that hard object under your en hand? Week And the errell Three was some to thing size too.



You can inform the American public that the spe community is not quite finished with the learning of se

What? I don't know Move that do

Not even if I was all a soci?

Stay away from roofs for a while if dricks and "Groe you find out the ming of this aymbolism you'll be cured.

And if I don't I'll get secondary of

And if I don't I'll get secondary deluexas "
"You've been reading up on it an? Look
If you think you've the richest man in the world and you haven't only done in your

If you stork you're the notest man in the long world and you haven't got a done in your and pooket how it you rationalize that?"

I don't know. Dawson said. Maybe I'm is accent..."

Herodysta shook has head has gluried cheeks bolding. The you'll cheeking the largual delaxam—a supplementing comhibyou's the vector of an organizad practic cod you. CREMP Don't by to assign phony making a larguar wat programs. Don't should premise a state of an arrange allow a should premise a state of a state of the should be should be should be should be should be should be described as a state of the classification of the should be should should be should shoul

O.K.* Davison seed "Ill move is IF I can omerge Indiaed he found himself aranding on a gibbet a rope about he neck.
Hendricks came natining up wasning a paper roll bed with a bible sibbon "fourie. An reprievers" the psychiatrics shoulted.
Helita's your paridon agrand by the Gowell file.

page rist low with a bible risboth "fluoring page risboth with a bible risboth "fluoring page risboth and the risboth risboth

and vanished from sight beteath it. A bott clicked the felt the trap door quiver under his feet. By pulling at the ribbon, he had opened the drop; he was failing. He wake up assisting. The room was

opened the drop he was falling
the woke up awaiting. The roo
dark and silent Cursing under his
Dawson got up and took a cool sho
had not had nothmarks to ware.

had not had rightmans for years.
There were after that we more interviews with Handhoks. Each time the psychalfield probat more depty But the second probat probat more depty.

chalfiel probed more desply \$0.0 bit intrain never alread. Recognize the symbol. More your hand. Remember. The briefled by as Desson sate wating in Hendricks outer office. He isomeroband. The familiar leaden. sick ments swept over him. Desperately he tred to locus on

idings outside the window But of battle the fide. At the last in feindnotes advice occurred to he he field the colid hand object, and in the made a tramondous effort If was herd to battle that letharry, this anothering clushy saffocation of despoir And it was hard to move. But he striamed to send the impulse down to arm into stiff lingers, and the effort total. He felt something click into place, and—and.

The last thing before

Was sherapy, a voice said. We provide yearly And we must guard agents that plaque.

Kanesty ran an eight-trigered hand over he sweeting bald head. The tests show you need it Dawsao."

The wouldn't know of course if'd be imperceptible except by the instruments. But you need the therapy that a certain if can't spare the time. Daviso and the smplitcation formulas are just become

If can't spare the firm: Devise and the simplification formulas are just begining to place up. How long must listay in the orky?

"Half is year. Karestiv said." E doosn't

And Pharr wors in last month. His needed it. Dawnaa stared at the wall, made a mon

tallingmal and opaqueness facted to twinglicence and transparency. He could see the City. Kanselly paid. "You've never vorkyted be-

#9 comulating curative and necessary

But I feel normal

"The machines don't lie The proton

factor is erong Listen to me. Davesto I mix greet deglicities then you and I've boon in the workyt twelve times." Davisoo stared. Where to?"

fitted for my particular weep. Once it was Brasil, in 1990. Another since Assistant London And the Second Han Empre I had plenty to do ispent sen years in Brasil building a nutber empre.

importers at the time I kept busy its time therapy in those days the only therapy thay knew implied painting construction—was and tangette not the emechant and psychic therapy we use. However, from

The state has been or being thru by the five-sensed body. Daviso said. You wouldn't know any better. Then't the stribball memorate, angle. You find force will take possession of the body that's created dony you all the thru speaked epoch we choose and you it have a full set of table memorates created expensably for that period. You'll probably begin as a child have may be remoral compression or there may be remoral compression.

"Time travel." Kerestly said. "Is the best



But - Dawage said But Cely four

And unless we work fast-

Ware not immune. The whole trouble is with the primary instricts. Overcomplica-

Old stuff " Dawage said "I know the We're solving it." Karestly said. Slowly

shots. You'll be occupied we'll send you That period's indicated in your case You'll be given a complete set of sufficiel

you'll have no consciousness of reality. Of this malify. I mean " 'We'l "Devesoo saxt

Come on ." Karestly rose and floated toward the fransporter disk. The volve's Days no got you the case. It closed be-

agents dusty plassocene that amelled of

Somewhere light grew. The distant wall

f had changed it was older And a heaped pile of dust made a canopy atop-

He looked for the Administration Build

altered too A long tittle must have negard

He used his seventh sense of percep-

And he could not breathe. That sufficial left in the sealed case was sapelly being

Dayseo moved his hand. The control

He was sitting in the psychiatrist's outer

You may go in now. My Dawson."

dricks sanctum He shook hands mut-

Am IP! Dawson said "Maybe I know Hendricks looked at him sherply. "Do

Maybe it isn't a symbol at all Maybe it's a rookty

nothing at all. He waited lin a moment it was

about the danger of secondary delusions It's a matter of finding the right sort of therapy' insisted the hollow man DO

Pedget's byine from the pulp-megazine are of the lete prest Henry Kultner and his equally priest agnificant body of iterary works in the fantesy Ancer which of them wastr what The Cure one of





in front of our eyes. we had emerged from aubapage Quraturay step, Endeavor powered by its twin GM distrac fors had taken us safely from a universe tangental to us in subspace directoriality Our party had cone there to look at defination, is infinite, but some GG233 is a relatively small universe. This does not, however, the largest fabricated structures in the arrors magazine Our first where we stayed at the Hotel building. No fewer than 18 567 derives are worshiped in this prayer power of the 483,000



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A survey of megastructures in the universe GG233 PAINTINGS BY JOHN HARRIS







previous instagl, psycholectics cover to gift their close in the sear of Deviated Blawker for an Other scientific price of gift of the for critical and in other scientific price of gift of the Certain for the common of the Certain of the Certain for the Certain of the Certain of the Certain scientific price of the Certain of the Certain of the Certain for the Certain of the Certain of the Certain of the Certain for the Certain of the Certain of

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LOOK THROUGH THE WINDOWS OF TOMORROW









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